SEQUENCE LISTING

<110> Friedrich, Glenn
      Zambrowicz, Brian
      Sands, Arthur T.

<120> Novel Murine Polynucleotide Sequences and Mutant Cells and Mutant
Animals Defined Thereby

<130> LEX-0286-USA

<150> US 09/728,445
<151> 2000-11-30

<150> US 60/168,358
<151> 1999-12-01

<160> 891

<170> FastSEQ for Windows Version 4.0

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<213> Mus musculus

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agccttcaga attgaaatca actttccagc agagtatcca ttcaaaccac ccaagatcac    180
atttaaaaca aagatctacc accctaacat cgatgagaag gggcaggtct gtctgccagt    240
cattagtgct gaaaactgga agccagccac caagactgac caagtaatcc agtccctcat    300
agcactggtg aatgaccccc agcctgagca cccactccgg gctgacctag ctgaagaata    360
ctctaaggac cgtaaaaaat tctgtaagaa tgctgaagag tttacaaaga aatatgggga    420
aaaagccgac ctgggggctt aaaatctgc                                      449
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<210> 2
<211> 397
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<220>
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<223> n = A,T,C or G

<400> 2
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gccgtccctg cccgtgctgc aagctgctac tcctgctgct gctgctgctg cttgttgctg    180
attgttgcgg ttgctggttg ctgtttactg tttgctgccg gctggattgc tggattgctg    240
attgccagtc gggnaaatcc tggnnataaa aatccanctt gccccanaaa acangacnac    300
cctnnaggaa gtattctaat gatttcaatn cgccctttcc ccctctnacc tttctctctt    360
accttatgct gggggattgg aagggtggca aaaaaaa                             397
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<210> 3
<211> 285

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(285)
<223> n = A,T,C or G

<400> 3
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atgagaccac ctggggtgaa acttagatgg ctctattgtt ctgtcacctg ccgccactcc   120
tctccaagac actgttacct gcccttgaga tattccggag acagcatccc gcagatcacc   180
tacaggctgg cgacaggcac caagaatgga ttggtggggg atgggcctcc cctctttata   240
cgcacagagt cttagtaaat tttgggtcct tgaacagaaa aaaaa   285

<210> 4
<211> 287
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(287)
<223> n = A,T,C or G

<400> 4
caggagtaac aagtgtggag gtcnaaggan aactcttgga atctcttcta tcctatcaca   60
tcngtctcag gcatcnaaca tgggccaact cctcaaactt ggtancctgg nacttnaata   120
nccatcttan tgctcaaaaa aggtttctcc tatgaagacc gtgtntcctg gctgtcctag   180
aatttgctgt gcnnaccaac ctggcctnna actcataaac ntttacctgc ctctgcctct   240
aaagtgttgg gattnaaagc atttcccact atgtaacaaa caaaaaa   287

<210> 5
<211> 417
<212> DNA
<213> Mus musculus

<220>
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<222> (1)...(417)
<223> n = A,T,C or G

<400> 5
cgcccatcct aaattcctag cttgctcggg gtaggagntt cctgttcatt cgttctgata   60
nncccactgn tgaaaactga ggngccacac tcgtatcnct ntcacngga cctaacatta   120
ttcgggangg aactctggtc cncnccccca tcnttcaatn nnnntgtcgt ggngattggn   180
ttngaaccnt gntcagnata aagctgaaaa aaaccccatt gnctnncatt tncaccanga   240
ccgggaagng tntnatatcn aggatccgaa taaggctctt caaggcttct ttgaccgaga   300
aggagaanag ttagaatatg aatttgatga gcnaggacac atcacttggc tctgcagggt   360
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<210> 6
<211> 173
<212> DNA
<213> Mus musculus

<400> 6
gtctagaatg tatgtgccat gctgggaaca ggcctggatc gtctgcaaga gcagccatcg   60
gtcttagctg ctaactcctc tctcagtcca ttttgaatac gattctgagg tgacgcttcc   120
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<210> 7
<211> 167

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<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(167)
<223> n = A,T,C or G

<400> 7
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gtcgncaccc ttaacatgct ctcatcgtac cctctgaaaa aaaaaaa                    167

<210> 8
<211> 191
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(191)
<223> n = A,T,C or G

<400> 8
attctccatc cacaaattat gcagtcaagt ttcctcnaat ttggggtcaa tacacacaga      60
gtgcaatgga tgaacctcgc tctggagaaa tcacctgcat aatcatggta tttccccttc     120
caggatttat acanaagcag tcttccaaat tctgaaacct gatgcccatc acatactttg     180
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<210> 9
<211> 157
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(157)
<223> n = A,T,C or G

<400> 9
ggtctagatt atgtgcatgc tgggaacaag cctggatcgt ctgcaagagc agncatcggt      60
cttagctgct aactcctctc tcagtccatn tgaaatacga ttctgaggtg acgcttccct     120
gtcnncaccc ttaacatgct ctcatcgtac cctctga                              157

<210> 10
<211> 273
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(273)
<223> n = A,T,C or G

<400> 10
ggaatacaaa gggccagggt ccggctgcgt ctcctggatc ttgagctgac atctaggttc      60
ctgggtggga ccacaaatnc aactatactg gaggctgatg canttctctt aggactccaa     120
gagatcaggg actcaaaatc aagagaggag caacccagca agtaatggac tgcgcttgct     180
gtatttgaac ccattttgag cccagaaaac tataaataaa taaataattg aataaattta     240
tnataaatga aaagtaatcc tgttaaaaaa aaa                                   273

<210> 11
<211> 370
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3

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(370)
<223> n = A,T,C or G

<400> 11
actgaggtga cctttgaaag ttaacagggg tgccatgggc tgagtaagat aaacggaact   60
gctgttcaac cccgcccagt ctggggatga gtcattgttt tcaaatttat gaacaaagca   120
cacaaattaa gaataataca agcaagaaac agcagagaga cacaaaagga catagaatcc   180
ctgatcctca ctgtgatctg gtaacactag ttctagggct ggagagagag atgctcaggg   240
caagtgctct tacagagaac atgagttcaa ttcccagaac ccacatggta cctcacaact   300
gcctatttca tacatgtggg gcagaacacc gatacacata cttttttttt taanaattga   360
aaaaaaaaaa   370

<210> 12
<211> 448
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(448)
<223> n = A,T,C or G

<400> 12
ctcctttagt gagacngccc taggcagacc acntaccntt acccttctga aatctcggta   60
ctggaggatc tnggccngga tcctgatacc cccattgccc ccttagcnac ccatcctgac   120
naggaggagg aggaggagga ggaagaggag gagttgcttc tgcngcctgg gctccagggc   180
gggctgcgca ccaaggccct antcgtggat gantcctgcc ggcggtgacc atcttccant   240
ttgggcgcat acctccttcc ttccttcctt cccgtacctg aagcttctgg agtctggatg   300
attcanagcc gacanacctg gcngggatcc tgcctggcag ggaagggggt tgancntntt   360
ctgacttgct tttcccatcc catttctggg gcnnanccnt tatcctaaat ttacccctaa   420
ctcatggtgt ttcccgtggg tgacctaa   448

<210> 13
<211> 394
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(394)
<223> n = A,T,C or G

<400> 13
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tggaacctga gnatcnacat aattgcacct tctcttctgg accagacatt attcggcggg   120
aatcgggtcc ccaccccctg acgtcatacc tggtgtctca nccnnngnat ttgaactgtg   180
atcatctgag ccaaaatann ccaaagtata naagtcaaca aaggcaanat gctgnanatn   240
aaatggaaaa ccantcattg anaacatcat cncctctntn ctccgaggac ncttcggtgc   300
ggatctggga tatcccnnan ggtgggctga aacggaacnt naccgaggga ctcctggagc   360
tcnatggana catgcgccat gtggggctgg tgga   394

<210> 14
<211> 461
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

4

<222> (1)...(461)
<223> n = A,T,C or G

<400> 14
cgcaccggat tgggcagcan taacnacact gcaanaggan cctnctgcac acgtttattg   60
gganagtntg attgnagagg tgannagacc ccgagcccaa aactggtgct gcttatatag   120
gcctangaga ggantgtctc acacctggat tggttatgca ctacgcctca tttgcatgat   180
cctcatctga ttggctactc tctctctgta cctcacaaag cctcattntc atacctcatt   240
tgcatgtctc acacctgatt ggttatantc tccaaacccc ctttatcctg cccgggggcnn   300
gcantgtctt tgcaaaaaac tttactgcat atgttcacat tggttgtttg tccaaactta   360
tgcgtggtgg ccancagtan tcagtgccac tctgcaacgg cacntgtggc ttcccacatc   420
tccccctttt tgttttaata aaatgaggct gggactaggc c   461

<210> 15
<211> 301
<212> DNA
<213> Mus musculus

<400> 15
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gcctcctgga catgaagagc aaccccatac agggcctggc tgcccactgg gattatgaaa   120
agaaggagtg gaaaaagtga ccaacgtccc acgtctgccg ccagcccctg caaactgctt   180
ctgcagccca ggagacaatc atccctccc ctcccctccc ctccctcctc ctcctgagtc   240
ctgtctccac tcccttctcc aataaaagca gcctgctttg ttctgcttgc aaaaaaaaaa   300
a   301

<210> 16
<211> 285
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(285)
<223> n = A,T,C or G

<400> 16
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acatgccnat aagcantcaa aaatatttnc tgggagctgg ananatgggc tcagcagtta   120
aaaacactga ctgctcttcc ggangtcctg tgttcaaatc ccagcaacca cagggtaact   180
cacaaccatc tgtaatgana tctgatgccc tcttcgggtg tgtctnaaaa cagctacagt   240
gtccttacat ataataaata aataaatctt ttttttaaa gaata   285

<210> 17
<211> 100
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G

<400> 17
ttgccccaaa ttggctgtag ccacacanac atgagaatgt cagatctcat tccggatgaa   60
gccctgagaa gggcaatcga gagccacaac aagaaaaaaa   100

<210> 18
<211> 269
<212> DNA
<213> Mus musculus

<220>

5

<221> misc_feature
<222> (1)...(269)
<223> n = A,T,C or G

<400> 18
catggaatgg acgggacaag gaaggcaaac attcacctgg aancaaaanc tgtgctgctt   60
tntggcttat ttacagtann tttncncaac cggcaagctt gtgcantnnn agcaagaact   120
cctcctgcct gcctccggaa taagctgttg aattcttgtt tcttccagcg cggtgtctgc   180
ctgcacgctg ccatgcgtcc tgccatgatn ataatggact gaccctctga aactgtaagc   240
cagccccaan taaattttgt ccttgataa   269

<210> 19
<211> 312
<212> DNA
<213> Mus musculus

<400> 19
aaggttgtcc tcggaggcca aaggcgtcag atacgacacc tggaagttga atttacagaa   60
ttgccagctg cccaacatgg attcttggaa ccaaaccttt agaattcaac aaacaaacaa   120
cccaggggggc tggagagatg gctcagcact caagagcact gactgctgct cttccagagg   180
tcctgagttc aattcccagc aaccacatgg tggttcacaa ccatctgtaa tgagttccaa   240
tgccctcttc tggtgtgtct gaagacagcg acataaaatg aataaatctt tttaaaaacc   300
caaaaaaaaa aa   312

<210> 20
<211> 177
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(177)
<223> n = A,T,C or G

<400> 20
aagaaacgtt ttgtaagtga agganatgga ggccgtctta aacctgaaag ctactgagca   60
cagcaactct tacagtctta ggtgttacca anaacanatc tcaactgtaa aagttgtcag   120
tacaggtttc ctttnccttt ngtttttgtt attgtttttt tttttttttt ttttttt   177

<210> 21
<211> 273
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(273)
<223> n = A,T,C or G

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ctgactantc cntacnggcc ccggatcatg tncggcatca aaacnaagcc cgcgtncttt   120
gagttggang tggtggtgct cggctcccac ctgattgang actatggctc ctgctccctg   180
anctgcttga gttccagtcc tgacttcctt tggtgatgaa cagcagcatg gaantgtaag   240
ccaaataaac ccttncctcc ccaaaaaaaa aaa   273

<210> 22
<211> 204
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

6

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<222> (1)...(204)
<223> n = A,T,C or G

<400> 22
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tcctcctcct ccccctcctc cccttctgc ttcagatttta tttattatat gtaagtacac      120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggttgngna      180
ccncccacca tggggggct ggga                                               204

<210> 23
<211> 427
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(427)
<223> n = A,T,C or G

<400> 23
gcttggccaa gattcaccag ggcctgctgt cctcacctgt ggatccacca gccagccatg       60
gtatagaggt attcccagca agtcaaagat gctgcattcc ggcgtatact caaagtcgga      120
gacgcccgtg aatcgcacat tgacgtccag acctgtggcc agtttcggga gcaccgtcat      180
tgcatcgtcc acattctggt gggagaaaag acaagatggc tggtctagcc ttccctccct      240
gccacccacc atcccatgtt tcatgtctgg ctttcttaca aaccgtttgt ttcatccacc      300
tcttacctca aacccccttt tgtgagacag agccctggct gtattgaaac tcactctgta      360
naccaagctt gcccttgaac tcacagacat ctacctctct ctgcttccca agtgctgtaa      420
ttaaagg                                                                427

<210> 24
<211> 265
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(265)
<223> n = A,T,C or G

<400> 24
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tcctcctcct cccccctcctn cccttctgc ttcagatttta tttattatat gtaagtacac      120
tgtancagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggnngatga      180
nnncatcanc atacaggcta cacaggacca ncaacggaat gaggagtagg cccggatcat      240
ggntgagtnt gagatcacag agcag                                             265

<210> 25
<211> 335
<212> DNA
<213> Mus musculus

<400> 25
gatggtgcct gaacccaact gattaagcag gcaggcagaa acgtgtcacc atcagctacc       60
attgtgccct catgcataaa tgaagtcctg atggaaaaca gacaaacaaa caaacaaaca      120
aacatctcta cacactaagc cgaaaacaaa tctataccaa actgctaaaa taaatggaaa      180
atacttaatt tgagcctggc tgttttgaaa attggaaatc cttcttcaaa atgaaaatca      240
ccgcaaaaca atctaaagtc atctacaggc caactagggt gtttgttgct tgccaaactt      300
ccaataaaatt ctgcttgaaa ccttaaaaaa aaaaa                                 335

<210> 26
<211> 587
<212> DNA
<213> Mus musculus
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7

<220>
<221> misc_feature
<222> (1)...(587)
<223> n = A,T,C or G

<400> 26
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nccatnacca tgtanancgg ggtgancaat gtgggcnttc accaccacca tcaccattct   120
ccccatcgtc tccaccacca caagcaccac caccgccacc accatgctca tggagcccgc   180
cgctaaggcc aatagatagc atctacctgg ctctgccctc catccagcan caacatgagt   240
ggatcctgat gctgccacgg aaaaggatgt gcctctggga taaaagggg tactgggacc   300
ctggtcctgc ttgggtttca tttgcatatg agcccttctc cctatgtgca acaganacca   360
cctgggtgcc ctctacacaa tgtgngggct tgancttcga gcaaggctgg ctganttttcc   420
taccttgtga ctgcaactcc tggtgacctg gaaaataaca agggttctgg canaaacaaa   480
acccnggtga aaatgaaaat tcttctgatt ggggaaggcc tgtgatnaac ttccagggg   540
naantgtggt tagggcattc actgcttctt gggtttaaaa aataaaa   587

<210> 27
<211> 180
<212> DNA
<213> Mus musculus

<400> 27
agggttccaa gactgccctt tgggattcaa acgggagccg ctttggactg actggctgcc   60
ttcctcctcc tccccctcct ccccttctg cttcagattt atttattata tgtaagtaca   120
ctgtagcagt tgtaggacac actagacgag ggcaccagat ctcattgtgg gtggttgcga   180

<210> 28
<211> 232
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(232)
<223> n = A,T,C or G

<400> 28
gggttccaag actgccctt gggattcaaa cgggagccgc tttggactga ctggctgcct   60
tcctcctcct cccctcctc ccccttctgc ttcagattta tttattatat gtaagtacac   120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggttgngaa   180
ccacccacca tgtggtngct gggatntgaa ctcaggatct tcagaagagc ag   232

<210> 29
<211> 213
<212> DNA
<213> Mus musculus

<400> 29
ggaatttttac tacttcacaa atggagaatg atgctacaaa gttaccatgg tgaagctgac   60
aaataccact caaatgatga tgacatagaa gtaccttcct cctgctgctc tgatcccata   120
attggttact agatgatgtt ttctgacatg gatttcgatt ttgggtacct gttactttgg   180
cactattctt tttttttttt tttttttttt ttt   213

<210> 30
<211> 735
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(735)
<223> n = A,T,C or G

8

<400> 30
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gaaacttatc tccctcccca tatcctgaaa ctgctgnctc ggngtgtgac ctcctgctcg    60
tncgttctgn cncncccact gctggaacnn nanganccgc ncacatgcag ctnnctactg   120
gaccataaat tattctgngg gaatctggtc cccnccccct nccttcttnn ctggtgtcgc   180
nccgntgtga tntgacccct gatcggacaa tctcctccag ggntggccan ggatcnatcc   240
cttanagtaa ctcaagagtt ccncatgctg tgttatctgg actcccacta antgcagcac   300
tgtgccttcg gaacnacacc atcnagaatg tatcccttcn tcnctccagc tngacnacta   360
ccaagatctc caccaccctt tcttccttct gggacatcgt gtnccaaccc antggtccat   420
atccaggccc tgctgtacta ntcccnggcc ccacnaggtc atntntntca acaaaatgtg   480
cccgntccaa aanctaccnn cgccnaatan cgcacncaca gatccanttg gtcctttaag   540
tacacnggga tccatgtctt ctggaccttg ggcaccanga atgggaaggc agcatcctaa   600
tgtgccatat ctatttccan aatcatctcc cactcctcct cttccantgt taggancaca   660
cctgtttgca ttggttcnnn tgccnccggg ggccgggaac cncancgcat atcctnatcc   720
tgaagcgtct ccca                                                     735
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<210> 31
<211> 677
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(677)
<223> n = A,T,C or G

<400> 31
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atcaccacca gcagcaccat cagcagcaac ancagcagca gcagcaacag ccacccccac   120
caatacctgc aaatggccan caggccagca gccagaatna angcttgact attgacctga   180
agaattttag gaaaccagga gagaagacct ttacacagcg ttnccgtctc tttgtgggca   240
atcttccccc tgatntcact gaggaggaaa tgagganact atttgagaaa tatggaaaag   300
caggcgaant tttcattcat aaggataaag gctttggctt tattcgcttg gaaacacgaa   360
ccctagcgga aattgccaaa gtgganctgg acaacatgcc cctccgtggg aagcaactgc   420
gaatgcgctt tgcctgtcac agtgcatccc ttanagtccg caaccttcct cagtacgtgt   480
ccaacgaact gctggaanaa ccttttctgt gttcggccan gtggaaaagg ctgtaatcat   540
tgtggatgac cgaagaaggn ccccgggaaa agcattgttt attctcaagg aaaccagctg   600
ctccgaaanc tctgganana tcagtgaagg ntccttcntg ctgantacat ttcctcngcc   660
tgtgaatgtg gacctat                                                  677
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<210> 32
<211> 305
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(305)
<223> n = A,T,C or G

<400> 32
```
atagacacat agagaaggag acaagaagaa gaagagtcta agagtgtcnc gagttccagt    60
acctctagca gtgacagttc ggccagtgag tcttcatcag agagtgagac atccgcctca   120
tcctcttcag aagacagtga ctcagatgaa agcctctcta gctcctcctc ctcctcctct   180
tcctcggcct gttcgtcttc ctcttcctcc tcttcctcct cctcctcctc ggactcggac   240
tccagctcgt ccagcagcag cagcagcagc agttctgaga gcagctctga tgatgagcca   300
cagaa                                                               305
```

<210> 33
<211> 226
<212> DNA
<213> Mus musculus

<220>
```

```
<221> misc_feature
<222> (1)...(226)
<223> n = A,T,C or G

<400> 33
tgtcctggca ctctccgact ccagcagcag tagcagctcc agcgactcan aagcagaggg        60
gaaggagtat gccgctggct gcaagaacat gaacgctcct cagacaaggc caagaaaccc       120
aaggtgaaga aggagaagat ggagaagaag gagaagaagg agaagaagga gaaggagaag       180
aagccccca ttgacttatt aaacttgcag cccttccgc tcccca                       226


<210> 34
<211> 459
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(459)
<223> n = A,T,C or G


<400> 34
aggtccaaca gaagatatgg cccagattaa aggtatcctc aagatctgga ttaaaggctt        60
gtgtcaatcc agatccaaag cctgtgacat cacacctcaa gattcagatc aaagcctatg       120
tcttccaggc tcaagatcca nancacaagt gtgcccacca tttctggatt gcagttcatt       180
ccagatatag tcaagttgac aactgagaag aaccatcaca ggttataaac acctatcatt       240
tgctctcatt ttccccatat gttctctgct catgtgagat cctgacttga agtgtttccc       300
ccaagcttgt tttccctgat ctctaaaaat acagccagaa agaagctctt tgttctctat       360
agccagcaaa aagccttttt gtttctatac cttacaacca gagatgcaat aattgtaaaa       420
agacctagcc aggcacttgc ctggctccct gtgccaagg                             459


<210> 35
<211> 234
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(234)
<223> n = A,T,C or G


<400> 35
ctgattacag attctgctat gttctgtgcc ctangaaacc gtgncantag aagtgagtag        60
atctgttttg tatagttacc cacaataagc ttggacctga accaaccacc cagcagcact       120
gcctgcctct gtgtataagc tnttatggng nnngccttta tanagatgtc cctgggatgg       180
ccccaacata agagagacat ctgcactaan aacaacaaca caacaacaa caac             234


<210> 36
<211> 237
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(237)
<223> n = A,T,C or G


<400> 36
tgctgggcac catgtgtggt ctagggcaca gaanagncag aagaagacat canggtcccc        60
tggagcggat gttatcagct gccctgcaag tgctgggaac tcaacctaag ccttctccaa       120
aaaccaggag tactgtgaag cacctggccg tctctccagt caccaacaac aacgctgctt       180
gttagcaaat attttgatag cagcaacaag aaattgccta atataaggtc tcaccca         237


<210> 37
```

<211> 170
<212> DNA
<213> Mus musculus

<400> 37
caagactgcc ctttggtatt caaacgggag ccgctttgga ctgactggct gccttcctcc   60
tcctcccct cctcccctt ctgcttcaga tttatttatt atatgtaagt acactgtagc   120
agttgtagga cacactagac gagggcacca gatctcattg tgggtggttg   170

<210> 38
<211> 158
<212> DNA
<213> Mus musculus

<400> 38
ggtctagatg tatgtgccat gctgggaacc aggcctggat cgtctgcaag agcagccatc   60
ggtcttagct gctaactcct ctctcagtcc atttgaatac gattctgagg tgacgcttcc   120
ctgtcaccac ccttaacatg ctctcatcgt accctctg   158

<210> 39
<211> 261
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(261)
<223> n = A,T,C or G

<400> 39
agtctcgaaa ggtaagtctg gncaccatgt gtgtagnngg cacggaaccn tnagaataan   60
acatnatgnn gcctggagcg gatgttatca gctgccctgc aagtgctggg aactcaacct   120
aagccttctc caaaaaccag gagtactgtg aagcacctgg ccgtctctcc agtcaccaac   180
aacaacgctg cttgttagca aatattttga tagcagcaac aagaaattgc ctaatataag   240
gtctcaccca taaaaaaaaa a   261

<210> 40
<211> 259
<212> DNA
<213> Mus musculus

<400> 40
aagttggaaa ttgcaatact cctaaaccaa atttctttga ttttgaagga aagcaaaaat   60
gggaggcatg gaaagccctc ggtgactcaa gccctagcca agcaatgcag gaatatatcg   120
cggcagttaa aaaactagat ccaggatgga atcctcaggt tcctgccctc cttgagttcc   180
tgtcctgact tcctttgatg ctgaactgtg atgaggaagc ataagccgaa taaacccttt   240
gctctccgaa aaaaaaaaa   259

<210> 41
<211> 177
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(177)
<223> n = A,T,C or G

<400> 41
gggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct   60
tcctcctcct cccctctc ccccttctgc ttcagatttta ttnattatat gtaagtacac   120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggttgt   177

11

<210> 42
<211> 256
<212> DNA
<213> Mus musculus

<400> 42
aggggtctctt ctctctactc agcaccagct gatctggaag ccactctata gagcagactg   60
actttgaaat cacagagcca catcagtctc tgcctcccca gtgctgaaat taaaggcgca   120
caccacccgc tctggtgaca ttttcttta aaaaatgaac aaaaaagggt tgcgtttgcc   180
agtttttaaa aaagaattgc cttttcgata tttgtttga ataataaaat cttacatttt   240
gagtgaaaaa aaaaaa   256

<210> 43
<211> 138
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(138)
<223> n = A,T,C or G

<400> 43
ggaggaattt tctcagcaaa catcatttaa aaggaaatta atggcgaaaa tggggcattg   60
ggaaaccatg ggggagggg gagactgana naatganaat gaataatggc aaaataaata   120
aataaataaa taactaaa   138

<210> 44
<211> 305
<212> DNA
<213> Mus musculus

<400> 44
gggagaaact cactcgccaa acaacgtctc gtggtatcct ggctgactct ggccgcttca   60
gcagagcctg gctgttcctg ctggattgtg ctactgctac agattcatgt ttggtgtttg   120
ctattgaact gggctgctta tatcctgaca cggaagagtg gaatcgccca aagcaagtac   180
ttctaatcag gtccacaact ccctttgcct ttaaccttgc ttttcccta cctctggttg   240
gtgggctaaa agggaggtt aagaaccca aataaagtca gtttgaaaa acctaaaaaa   300
aaaaa   305

<210> 45
<211> 238
<212> DNA
<213> Mus musculus

<400> 45
gggaacattg tggcaggaag acggaagtag tgctggagag gagactggag agaaacactg   60
ggcctgtccc tgtgatgcac ttctgccagc aaggccacgc ctcccagtcc ctgaagtgtc   120
actccctgaa gatgaagcat tcaaatatga gtcgatgaga gccattcttg ttcacgtcgc   180
catagttatg gaggttggac ccagcactca agactgttat aaagaatttt tgctttgg   238

<210> 46
<211> 363
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(363)
<223> n = A,T,C or G

<400> 46
gggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct   60

12

```
tcctcctcct ccccctcctc ccccttctgc ttcagattta tttattatat gtaagtacac    120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggttgngaa    180
ccacccacca tgtggttgct gggattngaa ctcangatct nnataagagn agccagggct    240
ntaaaccgnt gagccatctc tccagcctnc tgcattcctt cttaangcat gaatganccc    300
nacctangaa gacatgctgc cntacctcct tttcnagcca ttttcccttt caccatatac    360
tca                                                                  363


<210> 47
<211> 272
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(272)
<223> n = A,T,C or G

<400> 47
gggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct     60
tcctcctcct ccccctnctc ccccttctgc ttcagattta tttattatat gtaagtacac    120
tgnagcagtt gnaggacaca ctagacgagg gcaccagatc tcattgtggg tggntgancn    180
cnanngaanc agnggnnggt gggngacaan ngnanggnng ttagaacaga agacnggtgn    240
atanaccnag ntactattac gtccatgaga ct                                  272


<210> 48
<211> 401
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(401)
<223> n = A,T,C or G

<400> 48
gggtccagaa aaggagatgg atgccataca ggccaaggaa gaagtgaaaa aggcccgtga     60
agaagatgag gaggatctgc tgatggggaa gtttcacagg cacaaccatt tcagcagatt    120
ccacaggcag ggcgaactat agtcatcctc actctgcatg ctgagtggcc cagctgcaac    180
tctaataata cacatttgaa tgatcacata ngnanggana ntngnccagn ttctgaaaaa    240
caatcccctg tttgtgttag ggtcccccgt ttcttctata gaccccctatg accccagggt    300
ctgcaataag aagtttctgt tgactgcatg tggtggcaca ctcctttaat ctcaggactt    360
gagaggcaga ggcagacnta tctgggattt ccacatcagc c                        401


<210> 49
<211> 372
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(372)
<223> n = A,T,C or G

<400> 49
gagagagaga gagagagaga gagagagaga gagagagatg agatanaggn tggaggcctc     60
gnggagcagc ctgtgtgcac ctgactggnc cagnaggaac acagtgtnca gagaagctcc    120
tgtccccctg tcccctctgg gtgccaaata atgggagatg tgcactgtct gatcacatat    180
tcccgtctnc tgccctntgc ccagttaagg ttaaggntga tgaataancc cttggattat    240
tctgagganc tgaccanncc acagaagaaa gcannccctg tancttccct ggtcatttcc    300
caagaatctt cctgccctgt tgagacttgc cccaagtcta gggcagtctt caagcaagca    360
cctcttgctt gg                                                        372


<210> 50
```

13

<211> 161
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(161)
<223> n = A,T,C or G

<400> 50
tgaggcctat atgtatgagc catgctggga accaggcctg gatcgtctgc aagagcagcc   60
atcggtctta gctgctaact cctntctcag tccatttgaa tacgattctg aggtgacgct   120
tccctgtcac caccttaac atgctctcat cgtaccctct g   161

<210> 51
<211> 335
<212> DNA
<213> Mus musculus

<400> 51
ggtgatttct ctgtgccaaa gcctccagag gacaatataa aagacgtgtg tacaacgtca   60
cccaggaaaa caaagaagaa gaatatagct tgccagtggg gagttagtct tgcctttct   120
tttttccttt gaatcagagt ctcactggat agctctggct actctgggac tctctatgta   180
gaccaggctg gcctgagtgc tgggactaaa gggtgtgtgc cactacccc agctaaattg   240
gtgtgttctg gagagattct tttttatgtt tggcccattt taattctttc aggcatctta   300
ctactgctgt tttaaagttt ttttctttta aacca   335

<210> 52
<211> 473
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(473)
<223> n = A,T,C or G

<400> 52
ctttcaggga cccgctggga agacgaagag agaccagatc atactccaga tcattaagga   60
ttttaaaccc ccatgttcct cgtgcggcgc tcaccaccac cccccggctc tggccatggc   120
cacactgagg gtccatcccg aagcccaagc caaggtggat gtgttccgtg aagacctgtg   180
tagcaagaca gagaacctgc ttgggagcta ttttcccaag aaaatctcag agttggatgc   240
gttcttaaag gagccagctc tcaatgaagc caacctgagc aatctgaagg ctccattgga   300
catcccagta cccgatccag tcaaagagaa agagaaggag gagcggaaga agcaacagga   360
gaaggaagag aaggaagaga agaagaaagg ggacgaagac nacaaaggtc ccctgtggn   420
ccanttgaac tgcatgagaa aaatgngggc ctnctgcaac ggctaaaacc tgg   473

<210> 53
<211> 323
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(323)
<223> n = A,T,C or G

<400> 53
aggggcaag gccatgtggg acacccana cactgtcctc ttanagcgcc gggcgggcca   60
ttaggcaggc gctgctcaca agccgaggcg tgtctctggc agctcctccg actccagcag   120
cagtagcagc tccagcgact cagaggcaga ggggaaggag tatgccgctg gctgcaagaa   180
gcatgaacgc tcctcagaca aggccaagaa acccaaggtg aagaaggaga agatggagaa   240
gaaggagaag aaggagaaga aggagaagga gaagaaggcc ccccattgac ttattaaact   300

14

```
tgcagcccct tccgctcccc aaa                                                323

<210> 54
<211> 352
<212> DNA
<213> Mus musculus

<400> 54
ggaccctgtg tgctgtgcaa tcaagaccca aactagaaga agggtctgtt ttactgctct       60
tggaaggcca cgtctaaaat taaaccacgt tcagggaaa ctgtgcaccc aaatatttct        120
cagtcgcacc ccagcctcac aaacctattc tagggctgga aaagctggct cagccgttat       180
aagccctggc tgcactacca gaggacccag cctcaatttc cagcacccac atggcagctc       240
ataactgtgt agatccagtt ctagaggatc caacaccctc acacatacat gcaagcaaaa       300
caccaatgca cagaaaatga aaagaaataa atcgttaaga acaaaaacaa aa               352

<210> 55
<211> 305
<212> DNA
<213> Mus musculus

<400> 55
gggagaaact cactcgccaa acaacgtctc gtggtatcct ggctgactct ggccgcttca       60
gcagagcctg gctgttcctg ctggattgtg ctactgctac agattcatgt ttggtgtttg       120
ctattgaact gggctgctta tatcctgaca cggaagagtg gaatcgccca aagcaagtac       180
ttctaatcag gtccacaact cccttgcct ttaaccttgc ttttttccta cctctggttg        240
gtgggctaaa agggaggggtt aagaacccca aataaagtca gttttgaaaa acctaaaaaa      300
aaaaa                                                                   305

<210> 56
<211> 158
<212> DNA
<213> Mus musculus

<400> 56
ggtctagatg tatgtgccat gctgggaacc aggcctggat cgtctgcaag agcagccatc       60
ggtcttagct gctaactcct ctctcagtcc atttgaatac gattctgagg tgacgcttcc       120
ctgtcaccac ccttaacatg ctctcatcgt accctctg                               158

<210> 57
<211> 274
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(274)
<223> n = A,T,C or G

<400> 57
tactgagcct cacggtttct tntggctgga actgcagttc atgcntggng attgccgagt       60
ggattgnagt gcatctgctg atgatttgag tctgtgctgt gctaacggac ttcactacaa       120
cncccgattg gaatcacccc caaagaactg nttgtataac gaggtccaca actctgtttc       180
ctatctttcc ccatgacctt tgctgggtgg tgggctaaaa gggaggttga agcgtttaag       240
aacccttatt aaagtaggtt tggaaaaaaa aaaa                                   274

<210> 58
<211> 221
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(221)
```

15

<400> 58
gtgcaaaaag aagaagaaga agaagaagaa naagangaag angaagaagg anaaggacan 60
ngacaaggag aacggagaan gagcaaggaa aaggagaacg gtacagnatn ngnggagaga 120
atattnctaa aatatttntg naatatttga tatgtaatca ttacattnag tcaaaaaatt 180
canatttcta gaaaatataa agtttttttt tgtcgattcc t 221

<210> 59
<211> 253
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(253)
<223> n = A,T,C or G

<400> 59
actccaggag aagaaggaag tngtggagga ggcagagaat ggaagagatg cacctgccaa 60
tgggaacgct caaaatgagg aaaatgggga gcaggaggct gacaatgagg tagatgaaga 120
agaggaagaa ggtggggagg aagaggagga ggaggaagaa ggtgacggtg aggaggagga 180
tggagatgaa natgangang ctgangctcc tacgggcaat cgggtngctn aggatgatga 240
tgatgaccat gtg 253

<210> 60
<211> 226
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(226)
<223> n = A,T,C or G

<400> 60
agggttccaa gactgccctt tgggattcaa acgggagccg ctttggactg actggctgcc 60
ttcctcctcc tccccctcct cccccttctg cttcagattt atttattata tgtaagtaca 120
ctgtagcagt tgtaggacac actagacgag ggcaccagat ctcattgtgg gtggttgcaa 180
acgnnngaca cactngacga gggcaccaga tctcattgtg ggtgga 226

<210> 61
<211> 323
<212> DNA
<213> Mus musculus

<400> 61
gcatcccttc gtcagcagag tcaccagcaa taaggctctt cgggagctgg tggccgaggc 60
aaaggcggag gtaatggagg agattgagga tggcagggag gacggagaag aggaggatgc 120
tgtggatgct gttccgggct ggagagatgg ctcaacggtt aagagcactg actgctcttc 180
tcaaaggtcc cgagttcaaa tcccagcaac cacatggtgg ctcacaacca tctgcaatga 240
gatctgacgc cctcttctgg tgtgtctgaa gacagctaca gtgtacttat atataataat 300
aaataaatct ttaaaaaaaa aaa 323

<210> 62
<211> 201
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(201)
<223> n = A,T,C or G

16

<400> 62

```
cacattcacg accacaccta aacctacaga atcagaaacg ccactagtgg ggtcggtcct    60
gaaacctggt taacaagctc ccaaggtgaa tctgatggcc gctttcccta agcagtagag   120
acccttttttc gtgtatggtg ctgaaaattt aancgtcctc tgtccccaaa tcagtgaaaa   180
atcnggattt aaaaaaaaaa a                                              201
```

<210> 63
<211> 372
<212> DNA
<213> Mus musculus

<400> 63

```
gagactgacc cgctcctcaa gatttattat atgtacgtac actgtcgctg tcttcagaca    60
ccccagaaga gggcatcaga tctcattaag gatggttgtg agccaccatg tggttgctgg   120
gatttgaact caggacctct ggaacagcag tcagtgctct taaccgctga gccatttctc   180
caacccttaa gagtgtattt tatttccttt tgatttcctg caagtatcat ggtttcagtt   240
ttctttctgg ctgtaagact ccattgtatg tccgaaccac attttatctg ttttacgggc   300
cagttggctg cttctgttct tttgcctatt gcaatcgcta cagcaataaa catggatgtg   360
taaaaaaaaa aa                                                       372
```

<210> 64
<211> 284
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(284)
<223> n = A,T,C or G

<400> 64

```
ggttccctaa aatcagactc tgtcatcggc aagtggagac tgtaacanga ctgggaccct    60
cacatgccga taagcagtca agaatatttt ctgggagctg gagagatggg ctcagcagtt   120
aagaacactg actgctcttc cggaggtcct gtgttcaaat cccagcaacc acaggtaac    180
tcacaaccat ctgtaatgag atctgatgcc ctcttcgggt gtgtctgaag acagctacag   240
tgtccttaca tataataaat aaataaatct ttttttttaa agaa                    284
```

<210> 65
<211> 324
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(324)
<223> n = A,T,C or G

<400> 65

```
gtttgaattt gagtgccgtg ctcgaggtgc cgacatctta ncctacccac ctgtggttgc    60
nggcggnaat cgctccaaca ctttgcacta tgtgaagaat aatcaactca tcaaggtaat   120
caccagaatt cccaccccctg cgttctgctc ctggagaggc ctggtcccca gtagagagct   180
ccacacctct cccttagcaa atggagtgcc acacgccttc aatcccagca ctcgggattt   240
ctaagttcga ggccagcctg gtctacagag tgagttccag gacagccagg gctatacaga   300
gaaaccctgt ctcaaaaaaa aaaa                                          324
```

<210> 66
<211> 431
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(431)
```

<223> n = A,T,C or G

<400> 66
ggaggacacc cacagtttcc gcttttgccg gcatcgagag gctgcagctc tgtttcgctc   60
taaaaaccgc tgccgccgct catctggatc ttcatccact gtacgccgtc gccgtccccc   120
agtgctaggg gtgggctgag ctggagagac ctgttgccca gtaaagaaga atacttgtga   180
tggtttgtat atgctcttcc ctgggagagg cacttttaga aggtgtggcc ctgttggagt   240
aggtgtgtca ctgtgggtgt gggctttaag accctcatct agctgcctgg aagccagtct   300
cccactagca gccttcagat gaagatgtac aactctcagc tcctnctgca ctaanncctg   360
ccaagatgct gccctgctcc caccttgatg acaatggact gaacctctga acctgtaagc   420
ggcccaatta a   431

<210> 67
<211> 427
<212> DNA
<213> Mus musculus

<400> 67
gtcgtgtcac tgctgttgct atcctgactg gactgaactg gactgctggt gtatctgtga   60
ggtgtttgcg aatggattga gctgccactg cctgctgacc tgtgaactca actgctgatt   120
tccagacaac acagacagga gttgttgcaa agagcctttta tagacaggcc cgcgcccctt   180
tccccgctcc tgtatcattt cttttccatt acctctggtg ggtggtgggt tacaagagag   240
gttaaagcat ttaggaacca tcattaaaaa cagggtttga catggaggcg catgccttta   300
atcccagcac tcaggaggca gaggcaggcg gatttctgag ttctgagttt gaggccagcc   360
tggtctacaa agtgagctcc aggacagcca gagctataaa gagaaaccct gtcttgaaaa   420
aaaaaaa   427

<210> 68
<211> 303
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(303)
<223> n = A,T,C or G

<400> 68
gcacatgagt gttctgcctg catggatgac tgtacatgca tggctcatgc agtgatgaag   60
gagaccagaa gaggtccttg ggaatagagt tacaaacaat tttgaaccac catgtgggtg   120
ctgagaattg aacctatgtc ctgtggaaga tcagccagtg ctcttaacca ctgagaaatc   180
tctccatcac ctattcttgt ggtttggttt ttctttttct ttctttcttt ctttttttttt   240
tttcnanann gggtttttttt gggtanccct ggctgncctg gaactaactt tgtaaaccag   300
gtt   303

<210> 69
<211> 214
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(214)
<223> n = A,T,C or G

<400> 69
gaaggagaag aaggaagttg tggaggaggc nnagaatgga agagatgcnc ctgccaatgg   60
gaacgctcaa aatgaggaaa atggggagca ggaggctgac aatgaggtat atgaagaana   120
ggaagaaggt ggggaggaag aggaggagga ggaataatgt gactgtnaag atgatgatnt   180
annacnataa ttnntaccat ttcgtattgc taat   214

<210> 70
<211> 547

<212> DNA
<213> Mus musculus

<400> 70
agaagagaag cagacacaag atgaaaccct gccaaaaaat ggaaggaaac ctagaaaagg   60
aggatgagcc aaagcctgag gaagagccaa agccggagga aaagcccgag gaggggcagg   120
aacccgagga ggaggagaaa tccgaagaaa cttttcggga gaggctgatc cggtctctgc   180
aggattttca ggaggatata cacaacaggc acctgagcag tgatgatctg tttagagatg   240
tggaggagct agatgagatc aggaaagtga gaaacaaact tatagtgacg cgttggaagg   300
ctaaccgaag ccatccttac ccctatttaa tgtagcttgg cttgctttcc cttttatctg   360
atgttaccat tgcgatctag ctttcttttc attagcattt tcctgataag acctttgccc   420
atcttcctac tttgaatctg ttgctgttag tggctttagc tgtatctctt gttgtctgta   480
tcttactgtt gattatattt gaaccaatct ataagtctct ggctttaagc tttactgatt   540
tgtaaaa   547

<210> 71
<211> 258
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(258)
<223> n = A,T,C or G

<400> 71
ctactgaacc cgagagaatg cngccgggaa tcagggccc cttgcccttc attcatnact   60
agcgttgcac cnttnaaagt tgagccttga tcagaaaaaa aagaccctna aaaaaactgn   120
ctgccccttg aaaacttacc tacctaaagt acagggataa tagcttcttt gcccactgtg   180
actctcagcc cttaagactg tttggctctg cactaatttt tttttattag tctgtaataa   240
aatacctaca ttttatta   258

<210> 72
<211> 174
<212> DNA
<213> Mus musculus

<400> 72
agggttccaa gactgccctt tgggattcaa acgggagccg ctttggactg actggctgcc   60
ttcctcctcc tcccctcct ccccttctg cttcagattt atttattata tgtaagtaca   120
ctgtagcagt tgtaggacac actagacgag ggcaccagat ctcattgtgg gtgg   174

<210> 73
<211> 364
<212> DNA
<213> Mus musculus

<400> 73
aagaagcctg ctcattctga atttgaacat cggttctgca ttactcctga aagatgtcct   60
gcagtcagtg tccgagcaca ttcctgccac agcagcctta aatgaagttg gggtttacaa   120
actggctcag caagacgttg agattctgct taatttgagg acaaattggc ctaacactgg   180
aaaataatgc atcttcgaga aaagtgttta acaaagacaa gagttgcctt taatcctagc   240
acttgggagg cagaggcaga tggatttctg agatcgaggc cagcctggtc tacaaagtga   300
gttccaggac agccagggcc acacagagaa accctgtctt ggaaacaaa cacaaacaaa   360
aaaa   364

<210> 74
<211> 274
<212> DNA
<213> Mus musculus

<400> 74
aggtatttgg cccagcgaca tcagagacaa gaagagacac agatgagaga caagcacatg   60

19

```
aaagatgctt  accatccttc  gccatggcaa  aaagtgaaat  taaaaagtcg  aggggacatt      120
actgtgcatc  tgatggagac  atgaggaccc  gtagggcttg  ctggccagcc  agtctagccc      180
agtcagtaag  ctccaggttc  cattgtgcct  gtggtcttca  agagctctgc  acacccacag      240
acataaaaat  aaagttcagg  tgaaataaaa  aaaa                                     274
```

```
<210> 75
<211> 159
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(159)
<223> n = A,T,C or G

<400> 75
ggtctagatg  tatgtgccat  gctgggaacc  aggcctggat  cgtctgcaag  agcagccatc       60
ggtcttagct  gctaactcct  ctctcagtcc  atttgaatac  gattctgagg  tgacngcttc      120
cctgtcacca  cccttaacat  gctctcatcg  taccctctg                              159
```

```
<210> 76
<211> 282
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(282)
<223> n = A,T,C or G

<400> 76
atacgacacc  tggaagttga  atntacagaa  ttgccagctg  cccaacatgg  atncttggaa       60
ccaaaccttt  agaattcaac  aaacaaacaa  cccagggggc  tggagagatg  gctcagcact      120
caagagcact  gactgctgct  cttccagagg  tcctgagttc  aattcccagc  aaccacatgg      180
tggttcacaa  ccatctgtaa  tgagttccaa  tgccctcttc  tggtgtgtct  gaagacagcg      240
acataaaatg  aataaatctt  tttaaaaacc  caaaaaaaaa  aa                           282
```

```
<210> 77
<211> 523
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(523)
<223> n = A,T,C or G

<400> 77
catatgccca  catcangcat  tcctcggnct  cacctgcgct  ctgacctggg  gcagcagtta       60
gaggaggntc  cttcttnatc  ttcctcctct  gagactnagc  ctctgcctgc  aggaacatgt      120
atcccagagc  cagtgggcct  nttacaaact  actgaagccc  ctgggcccaa  aggtatcaag      180
ggcatcaagg  gtactgctcc  tgagcacggc  cagcagacct  ggcagtcacc  ctgcaatccc      240
tatagcagtg  ggcaacgtcc  atcgggactg  acttatgctg  gcctgccacc  tgtagggcgt      300
ggtgatgaca  ttgcccacca  ctgctgctgc  tgcccttgct  gctcctgctg  ccactgtcct      360
cgcttctgcc  gttgtcacag  ctgttgtgtt  atctcctagc  tgactattga  acctccaggg      420
ctgtgcagcc  caggttcctg  ctcaatgccn  aagtgttgct  ggacatcang  agcanccgtt      480
gcatgagcat  caccatttct  gcctgacagg  ggacctgtca  cca                         523
```

```
<210> 78
<211> 326
<212> DNA
<213> Mus musculus
```

<220>
<221> misc_feature
<222> (1)...(326)
<223> n = A,T,C or G

<400> 78
ggcgaacccc cccaaccccc agcctgnaac aggctgatcc agaccttgac cttgctgcca   60
ctaaggagat tacctagggt ggagccttcc tgcctagatg actctattgt tcagccactg   120
ctgctcttct ncttcaagac actgctacct gctgagagga ccctgagcta ttctagagac   180
ttcatcctat cctgcaggtc atcacctgca gctggttcca ggctccaaga atggattaac   240
gggaatgggc cgcccttctc ccccccaccc cctttataag cacagttttc tattaaacat   300
tcgagctttg atcaggaaaa aaaaaa   326

<210> 79
<211> 336
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(336)
<223> n = A,T,C or G

<400> 79
ttgaagcgtt ccaagactgc cctttgggat tcaaacggga gccgctttgg actgactggc   60
tgccttcctc ctcctccccc tcctccccct tctgcttcag atttatttat tatatgtaag   120
tacactgtag cagttgtagg acacactaga cgagggcacc agatctcatt gtgggtggtt   180
gtgaaccacc caccatgtgg ttgctgggat ttgaactcag gatctacana agagcagtna   240
gggctntaaa ccgntgagcc atntctccag cctcctgcat tccttcttaa ggcntgaant   300
gatcccannc ataggaagac tgacttgccc ttcctt   336

<210> 80
<211> 370
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(370)
<223> n = A,T,C or G

<400> 80
ggtgctgtct gctccgatct cccttatgct tcctggtttg agtccttctg ccagtttgct   60
cagtatcgtt gctccaacca tgtctactat gccaagaggn nacnntgctc ncagncnnnc   120
nccatnctat ncccnaacac tntnaaggan gtggaggctt ctncagaant ggctgacact   180
tccatgacca nctggcattg nganccatgc cacagagtga gacctcncan antgtgnacc   240
nnagntccca gccctanctt ggcagcttgc aagtctgtaa ctccagtcct gggagatcca   300
acgccccctt ctggcctcca caagcactgc atgaatccag gcaaaacacc tatacacata   360
aaataaaaaa   370

<210> 81
<211> 260
<212> DNA
<213> Mus musculus

<400> 81
taacagcctc ctctatgatc atggcccggc tgcatgctga gccacggaga aggagaagaa   60
gaagataaag gaggatgaga agggttgggg cggtgcccga cctctgaaga ggagaggaga   120
caggcgacca tgggagcaag tcttcagcac cacatgatgg ggactctgga gttgccgctc   180
aggctgtctg gggtcctggc tgactggcca ccgtctttct catcaataaa aacatcgttg   240
tgcattctta aaaaaaaaaa   260

<210> 82

<211> 158
<212> DNA
<213> Mus musculus

<400> 82
ggtctagatg tatgtgccat gctgggaacc aggcctggat cgtctgcaag agcagccatc   60
ggtcttagct gctaactcct ctctcagtcc atttgaatac gattctgagg tgacgcttcc   120
ctgtcaccac ccttaacatg ctctcatcgt accctctg   158

<210> 83
<211> 270
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(270)
<223> n = A,T,C or G

<400> 83
agactctgtc atcggcaagt ggagactgta acangactgg gaccctcaca tgccgataag   60
cagtcaagaa tattttctgg gagctggaga gatgggctca gcagttaaga acactgactg   120
ctcttccgga ggtcctgtgt tcaaatccca gcaaccacag ggtaactcac aaccatctgt   180
aatgagatct gatgccctct tcgggtgtgt ctgaagacag ctacagtgtc cttacatata   240
ataaataaat aaatcttttt ttttaaagaa   270

<210> 84
<211> 338
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(338)
<223> n = A,T,C or G

<400> 84
gttgctcaga gaagcacagt cttcaagacc ccatacccga ggaggaggag gaggaggagg   60
aggagcccat cggagtggct gtggaggang agcgtttnca ccagnaggga gccccaanag   120
catccnataa aagctgtgcc attatgtgaa cttgtcaaga catggtcgat cttcctcaag   180
ctagaancat ggagtcctgt atacagtgca gagccttctc agaagcacat gatatttttg   240
tatttccttt atgtgaattt ttaagctgcg aatctgatgg ccttaatttc cttttttgaca 300
ctgaaagttt tgtnaaagaa atcctatcca tacattat   338

<210> 85
<211> 265
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(265)
<223> n = A,T,C or G

<400> 85
agcctctctt aacattttcc ntggcaaatc tntcagtgcc tggctntatg tggtctcccn   60
tcccccagcc tgaaacctgc ttgctnaggg gtggagcttc ccgctcantc gttctgccac   120
gcccactgnt gnaacctgcc gntttgctgt ttgnagctac acacgtggtc accgtgctac   180
tgnattccga nattatttgg cggnaattgg gcccntcccc nttccttnat aacggagtgc   240
caaaatagta aaaattgaac cttga   265

<210> 86
<211> 240

22

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(240)
<223> n = A,T,C or G

<400> 86
gcccgaaaaa caaaaccaga ggaaggggtg agagaaaaan ntgcaaatgg ggaactgaaa   60
aattattgaa gggctggtga ggtgactcag tggaaaaagg agcttgctgt caagtctgaa   120
gaccagagtt caattcccag gacccacctg gtggaagttg ncttcaaact gccccatgaa   180
tattcaaaca caagcatgta tattcataca aaataaataa atataattta aaaaaaaaaa   240

<210> 87
<211> 220
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(220)
<223> n = A,T,C or G

<400> 87
gggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct   60
tcctcctcct ccccctcctc cccctctgc ttcagattta tttattatat gtaagtacac   120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcttgtgggt ggttgngaac   180
cacccaccnt gtggttgctg ggatttgaac tcaggatctt   220

<210> 88
<211> 198
<212> DNA
<213> Mus musculus

<400> 88
cggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct   60
tcctcctcct cccccctcctc cccttctgc ttcagattta tttattatat gtaagtacac   120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggttgtgaa   180
ccacccacca tgtggaag   198

<210> 89
<211> 320
<212> DNA
<213> Mus musculus

<400> 89
agttgaaggc ctccagttaa gagattacct caaatctgaa ataaggcttt ggacttgtga   60
acagtattgg aattgttgaa gaatatgggg acttttgaag ttgtcctgga catatgtttg   120
cattataaga tgacaatgaa ggctgccagg aaaactcaga aagtattgta ttaccttttg   180
acttgagttc aatccccaaa gccaaagtgt ggaaggagag agctgattcc tgcaacttct   240
tctgacttct atagcactca catatatcgg gcacatgcat gagtatgcac acacacac   300
acacacacac acagatcgaa   320

<210> 90
<211> 173
<212> DNA
<213> Mus musculus

<400> 90
tccaagactg ccctttggga ttcaaacggg agccgctttg gactgactgg ctgccttcct   60
cctcctcccc ctcctccccc ttctgcttca gatttattta ttatatgtaa gtacactgta   120
gcagttgtag gacacactag acgagggcac cagatctcat tgtgggtggt tgt   173

23

<210> 91
<211> 335
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(335)
<223> n = A,T,C or G

<400> 91
acaggctaca cacagccggt ggctacatgt ggnaacatct ncagnggntg ttgaagagtc   60
cgtggtggca tctnntgcng caatgnggaa tgcctgggct gtcctctgnc atggctggcc   120
cntggcctgt tgaccacaga ananancagg gtcanagggc tcaagcncac agncccttg   180
gggagatcgc acatagcagg gttctcaacc tgtgggttac aacccctttg agggtcaaac   240
gaccctttca caagagttac gtattagcta tcctggatgt cagatattta cattacaatg   300
tataacagca gcaaaattac agttatgaag tagca   335

<210> 92
<211> 235
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(235)
<223> n = A,T,C or G

<400> 92
caaagccacc caccctntga cttctattta ctttacaatg atgttagccc cccncnnntc   60
caaaantnat gacanngggg ggtttngnct ctggncaaac atgacctcca gagtttggcc   120
cttgcataaa ggagaaaatt aattccttca gttgttctct gacctccaca tgcgtcctgt   180
aacatgggtg tatgcataca cataaacaca catncacacg ttgttaaata aataa   235

<210> 93
<211> 173
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(173)
<223> n = A,T,C or G

<400> 93
gggttccaag actgcccttt gggattcaaa cgggagccgn tttggactga ctggctgcct   60
tcctcctcct ccccctcctn ccccttctgc ttcagatnna ttnattatat gnaagtacac   120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tgg   173

<210> 94
<211> 205
<212> DNA
<213> Mus musculus

<400> 94
gggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct   60
tcctcctcct ccccctcctc ccccttctgc ttcagattta tttattatat gtaagtacac   120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggttgtgaa   180
ccacgcacca tgtggttgct gagat   205

<210> 95
<211> 315
<212> DNA

<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(315)
<223> n = A,T,C or G

<400> 95
cactgttttg taactatttt gtaaggncac agtccaccag tanctttagg gnacagggtn   60
attttatnca cancagcagn aaatgnaaac caaaacaact ccacaataaa attcttgngt   120
ttcttggggc caagaagtat gnacacgnat aagnataaag nacactggcc aagncatgta   180
cctccagnag tttggccctt gcataaagga gaaaattaat tccttcagtt gttctctgac   240
ctccacatgc gtcctgtaac atgggtgtat gcatacacat aaacacacat ccacacgttg   300
ttaaataaat aaaaa   315

<210> 96
<211> 340
<212> DNA
<213> Mus musculus

<400> 96
ggcactccag ttaagagatt acctcaaatc tgaaataagg ctttggactt gtgaacacgt   60
attggaattg ttgaagaata tggggacttt tgaagttgtc ctggacatat gtttgcatta   120
taagatgaca atgaaggctg ccaggaaaac tcagaaagta ttgtattacc ttttgacttg   180
agttcaatcc ccaaagccaa agtgtggaag gagagagctg attcctgcaa cttcttctga   240
cttctatagc actcacatat atcgggcaca tgcatgagta tgcacacaca cacacacaca   300
cacacacaga tcgaaaatag ttgtaataaa aaaaattaaa   340

<210> 97
<211> 507
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(507)
<223> n = A,T,C or G

<400> 97
gatctggtgg cttgggtgac agccagtttc ctgcacatcc cccatgctga ggacatcccc   60
aacacagtga ctgtgggaaa cagagtgggc ttcttgctcc gaccctacaa tttcttcaat   120
gaagatccct ctatcttctc ccctggcagc gtgtactttg agagggacca ggatgccggg   180
ctctgcagca tcaaccctgt ggcctgcacc caacagctgg cagactgtgt ccccaactta   240
ccctcctttt cctatgaagg cttataggcc tgaggctatg gtgaggcccc agggtaggag   300
ggatggaatg tggagtggag aaatggctca gcgattaaga gcacttgact gntcttncag   360
angnccctgn ngttnanttc cttgcaacca catggtggnt acaaccatct gtaatgggat   420
ctgatgctct cttctggtgt gtctgaagac agagacagtg tacccatata cataaaataa   480
atcttttaaa aaattttaaa aaaagaa   507

<210> 98
<211> 128
<212> DNA
<213> Mus musculus

<400> 98
tcagcaaaca tcatttaaaa ggaaattaat ggcgaaaatg gggcattggg aaaccatggg   60
ggagggggga gactgagaga atgagaatga ataatggcaa aataaataaa taaataaata   120
aataaaaa   128

<210> 99
<211> 179
<212> DNA
<213> Mus musculus

<400> 99
```
tcagggctcc aagactgccc tttgggattc aaacgggagc cgctttggac tgactggctg      60
ccttcctcct cctccccctc ctcccccttc tgcttcagat ttatttatta tatgtaagta     120
cactgtagca gttgtaggac acactagacg agggcaccag atctcattgt gggtggttg      179
```

<210> 100
<211> 282
<212> DNA
<213> Mus musculus

<400> 100
```
aatcagactc tgtcatcggc aagtggagac tgtaacacga ctgggaccct cacatgccga      60
taaagcagtc aagaatattt tctgggagct ggagagatgg gctcagcagt taagaacact     120
gactgctctt ccggaggtcc tgtgttcaaa tcccagcaac cacagggtaa ctcacaacca     180
tctgtaatga gatctgatgc cctcttcggg tgtgtctgaa gacagctaca gtgtccttac     240
atataataaa taaataaatc ttttttttta aagaataaaa aa                        282
```

<210> 101
<211> 216
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(216)
<223> n = A,T,C or G

<400> 101
```
gagggttcca agactgccct ttgggattca aacgggagcc gctttggact gactggctgc      60
cttcctcctc ctccccctcc tcccccttct gcttcagatt tatttattat atgtaagtac     120
actgtagcag ttgtaggaca cactagacga gggcaccaga tctcattgtg ggtggttgtg     180
aaccncccac catgnggntg ccgggatttg cactca                               216
```

<210> 102
<211> 343
<212> DNA
<213> Mus musculus

<400> 102
```
aagggtctcc ctgcctagaa cctgatattt aacactgaga gatccacctg gctctgcgcc      60
gctaaacacg ccacctcgtg ctagccaact ttgaacttat gattctcttg tacactggta     120
acttggaagt tacctctcgg gggctggaga gatggctcag tggttaagag actgactgct     180
cttccagagg tcctgagttc aattccaagc acatggtggc tcacaaccat ctgtaatggg     240
atctgatgcc ctcttctggt ttgtctgaag acagatacag tgtactcgtc acatatataa     300
aataaataaa taaaatcttt ttttaaaaat ttaaaaaaaa aaa                       343
```

<210> 103
<211> 165
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(165)
<223> n = A,T,C or G

<400> 103
```
gcctccagac tgccctttgg gattcaaacg ggagccgctt tggactgact ggctgccttc      60
ctcctcctcc ncctnctgnc cccttgtgct tcagattnat ttattatatg gnngtacact     120
gtagcagttg taggacacac tagacgaggg caccagatct cattg                     165
```

<210> 104
<211> 361
```

26

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(361)
<223> n = A,T,C or G

<400> 104
gacgcatcct ggactccaca atgaacggga cagttggacc taagtgggaa gctgattatc        60
aaagctnanc ttggggaana tatncnacna attcccattc ataatgaaga cattacttac       120
gatgaattag tgctaatgat gcagcgagta ttcanaggaa agcttctgag tantgatgaa       180
gntacaataa agtataagga tgaaggcatg gactgaagac cctcaccta gctgcctgga       240
aatcagtatt atgttagcag ccttcagatg aagatgtaga actntcannt ccttctggat       300
catgcctgcc tggatgctgc atgttcctgc cttgatgata ntagaatgaa cctctgaacc       360
c                                                                       361

<210> 105
<211> 165
<212> DNA
<213> Mus musculus

<400> 105
ggttccaaga ctgccctttg ggattcaaac gggagccgct ttggactgac tggctgcctt        60
cctcctcctc ccctcctcc cccttctgct tcagatttat ttattatatg taagtacact       120
gtagcagttg taggacacac tagacgaggg caccagatct cattg                       165

<210> 106
<211> 349
<212> DNA
<213> Mus musculus

<400> 106
gtaaaggcat tgaaagagaa gattgaatct gaaaagggga aagatgcctt tccggtagca        60
ggtcagaagt taatttatgc aggcaaaatc ctcagtgatg atactgctct caaagaatat       120
aaaattgatg agaaaaactt tgtggtggtt atggtgacaa aacccaaagc agtgacaaca       180
gcagtgccag ctacaacca gccatcaagt actcccagcc ccactacagt cagttcttcc       240
ccagcagtgg ctgcggccca ggctccagct cccacccctg ctctggctcc cacttccctc       300
tgcctcccta gtgctaggat taaaggcatg cactacaacc aaaaaaaaa                    349

<210> 107
<211> 424
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(424)
<223> n = A,T,C or G

<400> 107
gaggaggacc tgccttctgc tgatgagctg gaggactggc tggaggacgt gctggaggc        60
gagatcaaca cagaggatga cgacgactga tgacgacgat gacgatgatg acgatgatga       120
tgacgactag atgactagtg gccgtggcag ccgcgtacca gccccacttg ctccttactt       180
gttgtacctt tctgccatct gtgcccttcc ccgggctcct tgggacacta ggtcattctc       240
tactacaggg ccaactgtgg tctgcataca gggtgcttga ggtcctggtc tccctctccg       300
aggagaaaag gagctgcttt ttcttagatc ccagcccagt tctctcatct gactttgctt       360
tnttnccccc agacctttat ctggatctct tnccgggcan tncccatac tttaacgggt       420
tttc                                                                    424

<210> 108
<211> 352
<212> DNA

<213> Mus musculus

<400> 108
```
ggttgagaag taccggccac agaccctggc cgatctcatt tctcaccagg acattctgag   60
taccaaccct tggtgagcac aacttcgtgg cagtgggagc actctgctcc aaagtggaca   120
ggaagtagag agctaaaggg gtgggggagc aagcagtatg accctcaaag gcacgagttt   180
ggtgacctga ctcctccaat gaggctgtgc ctctaaacca gtggctctca accttcctaa   240
agatgtggcc cttttaatac agttccccat gttgtggtga ccaccccccc caccataaaa   300
ttatttcatt gctacttaat aaatgggaat tgggtcctgt taaaaaaaaa aa   352
```

<210> 109
<211> 386
<212> DNA
<213> Mus musculus

<400> 109
```
gtatttactc aagagaatgc aacctgtgcc tacatagacc ttcatacatg aacaatcata   60
gcagcttcat tcataacagc tccaaatggg gagcagctca agtgcccatc aaggtatcct   120
gacctcctga ccgggtccgt gaccttggga agctgaacac caacccctct tcacccagag   180
gacgacgcca gcggcaggtc atgggagcgc ggccctcgcg acggcagatg actgaagctc   240
ggcgcctggc tctaaccaag ctgccccctg agctgctggt gcaggtgctg agccacgtgc   300
cgcctcgcgc gttagtgacc cgctgccggc cagtgtgccg ggcctggcgc gacctggtag   360
atggcccaag tatatggctg ctgcaa   386
```

<210> 110
<211> 100
<212> DNA
<213> Mus musculus

<400> 110
```
gaacaacgac cacgggaagg ttgaaggata atcttctaat accagcactt tgaatgagaa   60
tttgtttctc tgccacaaac tgattttttt ttttaaaaaa   100
```

<210> 111
<211> 506
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(506)
<223> n = A,T,C or G

<400> 111
```
actgagagta aagacatttc cacgtggaca cctgatcatg tgcctaccct gactgaggct   60
ccccaggcat ctntattgng ggcagccgtg ctacacgctc aactntgagc ccccaacagt   120
ttgcaggctc ccagccccgg ggtctgggcc tnggccccac catgtcgagc ctcggcggtg   180
gctcccagga cgccggtggc agtagcagca gcagtaacac caatagcagc agtggcagtg   240
gccaaaaggc aggaggaaca gacaaaagta ccgcggtggc cgccaccacg gcgccgacct   300
ccgtggcaga cgatgcccca ccccctgagc gtcggaacaa gagcggtatc atcagtgaac   360
ccctcaacaa aaacctgggg ggcttcccga ccactctttt nantactntt cntttggnaa   420
gcaagtggtg gcggcggaaa catgatgggg gtggagtttt gntgacaagg caacggcagc   480
ccgcagcctc cctattggcc aatggt   506
```

<210> 112
<211> 100
<212> DNA
<213> Mus musculus

<400> 112
```
aatcgagatc cgagatgaag actgaacttt ctcctcggcc cggggcatgc agggcaggga   60
gttgacccaa gaagagaagc ttcagcttcg aaaaaaaaaa   100
```

```
<210> 113
<211> 189
<212> DNA
<213> Mus musculus

<400> 113
cggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct      60
tcctcctcct ccccctcctc ccccttctgc ttcagattta tttattatat gtaagtacac     120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggttgtgaa     180
ccacccgac                                                             189


<210> 114
<211> 360
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(360)
<223> n = A,T,C or G

<400> 114
taccctcaga ggccagaaga gggtgtcaga gcccttgtaa ctggagtttg acggtcgtga      60
gctgcgcatc ttcaccatgg canacgatga tccctacgga actgggcaaa tgtttcattt     120
gaacactgct ttgactcact caatatttaa tgcagaatta tattcaccag aaataccact     180
gtcaacagat ggcccatacc ttcanatntt atancaacca aaacagaggg gatttnnatt     240
ccgntatgtg tgtgaaggcc catcacacgg agggcttcgg gagcctctag tgagaagaac     300
aagaaatcct accccaggtc anaatttgcc antntntgng ggcctgcaaa ggttatccgc     360


<210> 115
<211> 375
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(375)
<223> n = A,T,C or G

<400> 115
gaaccctaag gactctgcaa tatgaataat tctntagaga acaccatctc atttgaagag      60
tncatccgag taaaggcgag gtctgtcccg caacacagga tgaaggaatt tctggactca     120
ctggcttcta agggaccaga agctcttcag gagttccagc agactgccac caccaccatg     180
gtgtaccagc agggtgggaa ctgcatttat ncagacagca ctgaagtggc tgggtctttg     240
cttgaacttg cttgtccagt cacaaccagn gttcaaccac aaccatctgt ancaagatct     300
gatgccctct tctggagtgt ctgaagacag ctacagtgta cttacatata ataaataaat     360
ctttaaaaaa aaaaa                                                      375


<210> 116
<211> 100
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G

<400> 116
gagccaggaa gtaatcaaga aatcaaggag tttgcatccg gntacaacgt caaggttgac      60
atgtacagna ngatctgtgt aaatggggac catcccacca                           100


<210> 117
```

<211> 412
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(412)
<223> n = A,T,C or G

<400> 117
gtttgtcagg atggtggata agaatattta catcattcaa ggagaaatta acattgttgt   60
tggtgccatc aaacgaaatg cccgatggag cacccatata ccactggatg aagaacggga   120
tccccttctg cacagtttca gtaacctgaa agaggtctta aacagtgtga cagacccant   180
ggatgtcaaa gagaaagaaa tggccttata aaattcattt gtgtggagaa cttgaagnta   240
cttcggaact tgataacttt tagaaccata ctctgtttcc ctaaagaacc tcctaatttt   300
tttaagcctg atagtggtgg tgcatgcctt taatcccagc actcaggagt cagagacagg   360
tggatctttg atttgaggct acctggtctn cagannaagg tccaaggcca gt   412

<210> 118
<211> 350
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(350)
<223> n = A,T,C or G

<400> 118
gacagaggtt tacagnacag atggctgcgt ntcagtcccc tgctgtaaaa ggttctatac   60
ctgcaacatc aacagttcag aatgttctta ttaatccatt gttaattggg tccaaaaaca   120
ttcttattac tactaatatg gtatcacaaa atacagccga gtcagcaaat gcactgaaat   180
gaaaacgtga agacgacgat gatgatgaag atgaagatga agatgatgat gatgatgatg   240
atgactatga taatatgtag tctaaccacg atgcatgtaa cctgtgttct tggacttgga   300
tccattgtac tacaaattaa aaagcatgtt agatgtttta aaaaaaaaaa   350

<210> 119
<211> 165
<212> DNA
<213> Mus musculus

<400> 119
ttgagggatg gctactgtca cctgaccact aacggacttc gagctggcga catcaaaaga   60
agcctctatt tcaatattcc aggcctgaga agcgttatct acagagagaa aggagttcca   120
ggacagccag ggctacaaga agaaaccctg cctcaaaaaa aaaaa   165

<210> 120
<211> 327
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(327)
<223> n = A,T,C or G

<400> 120
cccctaccac ttccttcata actggaagtn gcaccantaa acanntgagc cttgatcatc   60
acaaaaaaca cgagantaca nccactgtca aagtggtgac tagccactct gtggacaaga   120
aaacaagtca ccccaataga ggtgggtcca agaggcggga ctaanaaaac aaagcctgcc   180
nggccgggtg tggtggcgca cgcctttagt cctggccttt gggaggcaga ggcaggcgga   240
tttctgagtt cgaggccagc ctggtctaca gagtgagttc caggacagcc agagctacat   300
agagaaaccc tgtctcaaaa aaaaaaa   327

<210> 121
<211> 799
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(799)
<223> n = A,T,C or G

<400> 121
aaacaccgcc tgagagcanc ttaangaggc ctacnantca ngacacttga tgataccaca   60
ccagntccag gtgggagatg caggtctcgt ctgacgacat cnttctgaga atcngaancc   120
ttgntaaatn ggcncttgna tcgngctact naccacccac actgctgtca aagaanaagg   180
catntattnt gcctttnacg ntctagcgag cntctganna atnaaccncn ttgattgacc   240
actctcattt ntactctgat agaccctcta ataatnttgc tcttactgct gacgtgtggc   300
ccactantnc ttaataatct aatgaccttt gttagagaga ggattggtgc tgnccagntg   360
ntagtattaa nacaacnatn ccagtctctg cataaccttg aaaaagaggt tgcagtttag   420
ttctaagatt agaactagta actagaagaa gtggggaatg aaagatcctg gcagaatgta   480
aaaggacaca gaagccctga aattggcaag atagacgtca gtgttagcag aactagcttc   540
actgatttag aaacntagag gtgcacaatg ctttgggcca ctccttgaac ctgngngtct   600
tggcaatgtt ctgaccaagg tgtgtgccca ttggntggan ccttnattga agactctttc   660
ccttggaccc cntncccatt accccatttt ctttggggaa ttngnncntt ggnttaanaa   720
tcntgggaaa aatcccccctt aaatnttccc cccttnttnc nttttncccc ccttggann   780
ggcccttttt aaaaaacct   799

<210> 122
<211> 440
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(440)
<223> n = A,T,C or G

<400> 122
gggtcccgac acccctttga aaacccccctt tttgtaaaag ccaggcttgg tagtgggcac   60
ctgtcatccc agcactcagg aggcagggtc aggaggatta caggttcaaa gccagtctgg   120
tctatattag aaaaagaaaa ctgtcctttt gctaaagaaa aattaaatga attttttaggg   180
ctgaaatctg tgggtaagat ggagtctgga gctttcctct tggaacagtt aaccgaagac   240
cctcatgggc aaggacatcc gcttgactcc ccactcacca tcaggccaca cttttaaaga   300
aaaattgttc tctaaccagg attgtaacaa atgtgtaaat agtatttctg agttgaaagt   360
cgatggtgca aatatgtata taacgtactg nattttttaca atgatcgtcg catggctctc   420
cacccctttt tggactcaag   440

<210> 123
<211> 435
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(435)
<223> n = A,T,C or G

<400> 123
cttcccttgt cgctgctgaa gacagcgcag aatcacccca tggtaagcac tctgggccac   60
ctcccttcat gtgcccacag ctcagtcttt tgcagntcat gattgaaggc ctggcaagat   120
ggctcaatgg gtaaaggtgc ttgctgccaa gccgaaggac ctgagttcaa tccccaggac   180
ccatgtgatg atggaggggt ncatgacttc cctgaagntg ttctctgccc tgtntgcaca   240
cagacagaat ggcaaatgca atacaaagga aaacgttcac aaagaaatct atagccgggc   300
atggtggtgc acgcctttaa tccccgcact tgggaggcag aggcaggcga atttctgagt   360

31

```
tcgaggccan cctggtctac aaagtgagtg ccangacagc cagggctaca cagagaaacc      420
ctgtctcaaa aaaaa                                                       435


<210> 124
<211> 204
<212> DNA
<213> Mus musculus

<400> 124
aggagcacat gaaggataag gataaggacc gggaaaagtc taagcatagc aacagtgaac      60
ataaagattc tgaaaagaaa cacaaagaga aagagaaaac caaacacaaa gatggcagct     120
cagaaaaaca taaagacaaa cataaagaca gagacaagga aagacgaaag gaggaaaaga     180
ttagagctgc tggggatgca aaaa                                            204


<210> 125
<211> 292
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(292)
<223> n = A,T,C or G

<400> 125
gggttccaag actgcccttt ggtattcaaa cgggagccgc tttggactga ctggctgcct      60
tcctcctcct cccctcctc ccccttctgc ttcagattta tttattatat gtaagtacac     120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggttgtgaa     180
ccacccacca tgtggtngcn gggantcgaa ctnaggancn ncataatagc acncanggct     240
cnaaatnnct tgagccntct cttcnnnctn tctgnattcc ttgttatggc at             292


<210> 126
<211> 175
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(175)
<223> n = A,T,C or G

<400> 126
ggttccaaga ctgccctttg ggattcaaac gggagccgct ttggactgac tggctgcctt      60
cctcctcctc ccctcctcc cccttctgct tcanatttat ttattatatg taagtacact     120
gtancagttg taggacacac tagacgaggg caccagatct cattgtgggt ggttg         175


<210> 127
<211> 158
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(158)
<223> n = A,T,C or G

<400> 127
tgccctttgg gattcaaacg ggagccgctt tggactgact gnctgncttn ctcctcctcn      60
ccctcctncc ccttctgctt nanatttatt natnatatgt aagtacactg tancagttgt     120
aggacacact agacganggc accagatctc attgtggg                             158


<210> 128
<211> 283
```

32

<212> DNA
<213> Mus musculus

<400> 128
actgtactga ctgctggtga gactgctgca atggctcgtc agtgtacccc gctcctccag   60
cagccagcgc actgcctcaa taccctcgtt caaggtcacc agctgctgca ggatcttcac   120
atcgatagct cgcaggcact ctggaggtgg aaggaagagg atcagaagtt caaggccatt   180
ctcagctatg ttggcagttc aagaccagcc ggagcttcat gaaaccctgt tttaaaatta   240
atgaaataaa ataataaaat aaaacaagat ttaaaaaaaa aaa   283

<210> 129
<211> 176
<212> DNA
<213> Mus musculus

<400> 129
ggttccaaga ctgccctttg gtattcaaac gggagccgct ttggactgac tggctgcctt   60
cctcctcctc cccctcctcc cccttctgct tcagatttat ttattatatg taagtacact   120
gtagcagttg taggacacac tagacgaggg caccagatct cattgtgggt ggttgt   176

<210> 130
<211> 156
<212> DNA
<213> Mus musculus

<400> 130
ggtttcttct ctgtgtagcc ctggctgtcc tggaactcac tctgtagacc atgctggcct   60
cgaactcaga atcctcctc gtgtgccacc acttcccggc cgggtcatag cttttttaac   120
ctttaaataa agagctttg ttgggaaaaa aaaaaa   156

<210> 131
<211> 251
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(251)
<223> n = A,T,C or G

<400> 131
ggagttccaa tgaattcact caggtttctc tttgaaggtc agagaattgc tgataatcat   60
actccgaaag aantgngnnt ganaaagtat ganggctgga gagatggttc agnanntaan   120
ancactgact gctcttctgg aggttcaatt cccagcaacc acatggnggc ttataaccat   180
atataatgga gnctgatgca ctctcctggg tgtgtgnctg aagacagcta cagtgtactc   240
atataaatat a   251

<210> 132
<211> 220
<212> DNA
<213> Mus musculus

<400> 132
gatcacttca tggatttgcc tcacgtacct atgtttgtta atttcctgtg tcgttcccaa   60
gatcacgtaa aaccctctga gcattattga cctccctccc agcaaccaca tggtggctca   120
caaccacctg taacagagat ctgatgccct cttctggtgc gtctgaagac agctacagtg   180
tacttacata taataaataa ataaatctta aaaaaaaaaa   220

<210> 133
<211> 269
<212> DNA
<213> Mus musculus

33

```
<220>
<221> misc_feature
<222> (1)...(269)
<223> n = A,T,C or G

<400> 133
ggtgcatgat gagttcattg ttgcagntgt acacgactca ctcatgaaaa ggatgtcaga    60
gaccccatta cagatggttg tgagccacca tgtggntgct ggaattgaac tcaggacctn   120
tggaccttaa cctctgagcc atctccccag ccccaaaaca ccaaatgact ctaccaaatc   180
atcaagaaga gaattcctct ggcttcggct caaggtccat gcttgttcac ctctggatat   240
taaatgggcg ataattccaa aaaaaaaaa                                     269

<210> 134
<211> 322
<212> DNA
<213> Mus musculus

<400> 134
gttgggttaa cggcatggag aacagtcacc cccaccacca ccaccagcag cccccgccgc    60
agcccggccc ttcgggcgag aggaggaacc accattggag aagttacaag ttgatgattg   120
acccggctct gaaaaagggg caccataaac tgtaccgcta cgatgggcag catttcagcc   180
tggccgtgag tagccggcgc gccttcccgc cacccccacc cacccccggt ggagccccca   240
gacaagaggc gaacggaggg ggacccctct tccaggacag ccagggctat acagagaaac   300
cctgtctcca aaggaaaaaa aa                                            322

<210> 135
<211> 186
<212> DNA
<213> Mus musculus

<400> 135
ggttccaaga ctgccctttg gtattcaaac gggagccgct ttggactgac tggctgcctt    60
cctcctcctc cccctcctcc cccttctgct tcagatttat ttattatatg taagtacact   120
gtagcagttg taggacacac tagacgaggg caccagatct cattgtgggt ggttgtgaac   180
caccca                                                             186

<210> 136
<211> 406
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(406)
<223> n = A,T,C or G

<400> 136
gtctactaac ccaactctac tgaactggcc tgcccctgta tgcatgaagt gtctctgcga    60
gtggatcgag ctggcagtgc ctgctgacct gtgaactgaa ctgctggttt ccagacaaca   120
cagatgggag ttgctccaaa gaacctttct gaacatgtac acttccccccg tatcctttct   180
tttctactat ctcaggtggg tggngggcta taagggaggt taagacattt aagaaccgtc   240
attaaaaata aggattgagg ggctggtaag atggctctgc aggtgagagc actgactgct   300
tttncgaagg tcctgagttc aaatcccanc aatnacacgg tggctcacaa ccatctgtaa   360
tgggatctgn annccctnaa tctggtcntt tgaagacagc ttacaa                  406

<210> 137
<211> 490
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(490)
```

34

<223> n = A,T,C or G

<400> 137
gaagctgcag tgcttggttc gggtcntatg ttcagggggac cantatttag ataaagaaga   60
aaatagcaaa attatggatg ttgtgttcca gtggcttaca acaggagaca tccacctcaa   120
ccagatcgat gctgaggacc cagaggtngg agactgcatc atagaaatgg angatggctc   180
annttcttag aaccatttnc aaagggacag anagatctnt ttcaactcac ccctaanacn   240
nttggaanac agnttggaga nntggctcat aggctaaaaa tactggctgt tcntccagaa   300
ggcccaacaa ccacatggtg gnttacaacc atcctttang ggatcctggg ccctctttng   360
ggggggccccc cgtctnttaa tttaaatnan cggttttttt ttnttgtttc cggggggggngg   420
gcgnccccctc cccttggaac ttntttnncc tnanttgaac nttttttctt ttggaaaagg   480
gccccccttgg   490

<210> 138
<211> 290
<212> DNA
<213> Mus musculus

<400> 138
ggttccatgg tgacggccac acccacccccg ctgcggccag atgtcatgcg ggtcacctca   60
ctccagggct ggggatgaga ccttaaaccc tggattcaag aaagagacca gaggactgga   120
gagatggctc agtggttaag agtaccaacg gaaggtcctg agttcaaatc ccagcaaaca   180
catggtggct cacaaccacc cataatgaga tctgccgccc tcttctggtg tgtctgaaga   240
ctgctacagt gtacttatac acataaataa aatctttttta aaaagaaaaa   290

<210> 139
<211> 256
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(256)
<223> n = A,T,C or G

<400> 139
ggttccaaga ctgcccttcg gtattcaaac gggagccgct ttggactgac tggctgcctt   60
cctcctcctc cccctcctcc cccttctgct tcagatttat ttattatatg taagtacact   120
gtagcagttg taggacacac tagacgaggg caccaggtct cattgtgggt ggttgtgaac   180
cacccaccat gtggttgctg ggatttgaac tcaggatctt canaagagca ntcagggntc   240
taaaccgctg agccat   256

<210> 140
<211> 327
<212> DNA
<213> Mus musculus

<400> 140
gtctccatat gctcagtcaa atctccataa ctgtaaatca acactaagag cactggatag   60
ttaaggtcaa ggagactctc acaaaggatc cagaaggtgt agtccagatt aaggtgtgtt   120
ccaccacacc tttaatcccg gatgacccttg aactcggaga tttaatcttc tggaatccat   180
agccactatg cctcaagatc tccataccaa gatccagatc agaatcttct atctccaagc   240
ctccagataa gggtacctgg tgagccttcc aattctggat tgtagtccat tccaaataaa   300
atcaagttga caaccagaaa aaaaaaa   327

<210> 141
<211> 301
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(301)

35

<223> n = A,T,C or G

<400> 141
```
tccaagactg ccctttggga ttcaaacggg agccgntttg gactgactgg ctgccttact      60
gctcctcccc ctcctncccc ttctgcttca gatntatnta ttatatgtaa gtacactgta     120
gcagttgtag gacacactag acnagggcac cagatctcat tgtgggtggt tgcaaacnna     180
ngacannnta gacganggca ccaganctca ttntgggngg angagcatnc anggctctna     240
accgctnagc natntntcca gnctcctgca ttncttctta aggcatgaat gatccagcat     300
a                                                                      301
```

<210> 142
<211> 141
<212> DNA
<213> Mus musculus

<400> 142
```
gccactcgca aacgacctgt cttctcacgc tctctctctc tctgtttctc actctgtcct      60
ctctctgtct ctatcctata ctaacttgtt tcaaattgga agtgaggata tgtattgccc     120
aagggattaa ataaacaaaa a                                                141
```

<210> 143
<211> 349
<212> DNA
<213> Mus musculus

<400> 143
```
gtgagcccta tttctagaga cagctgctgc tgaccctgta actcaaagga caaactagct      60
ggctaaactc attcttggta ctggtgttgg attattctag aggttggata tgagcctagg     120
tggcctgctg gcctaggagg aggattgagg tcactttctt gcagttgcct ttaagaatgt     180
gtggaatcgg ggctggtgag atggctcagt gggtaagagc acccgactgc tcttccaaag     240
gtccgaagtt caaatcccaa gcaaccacat ggtggctcac aaccatccgt aatgagatct     300
tgactccctc tttttggagg gtctgaaaac aagctacagt tgctcttac                 349
```

<210> 144
<211> 238
<212> DNA
<213> Mus musculus

<400> 144
```
cctgaaacct ggctgctcag gtttcactgt tatcgggaag agagcatgtg gtggagcctg      60
ccgccctatc attctgccac tcccactgct gctgcctgct gcctagctgt tccggagcca     120
aacacgtggt cacctgcaac tggactcgta ggatgatttg gcaggaatgg gccccttccc     180
cttcttcata acccagtgtc tggaatagta aaatcgaacc ttgatcagaa aaaaaaaa       238
```

<210> 145
<211> 304
<212> DNA
<213> Mus musculus

<400> 145
```
ggagaaactc actcgccaaa caacgtctcg tggtatcctg gctgactctg gccgcttcag      60
cagagcctgg ctgttcctgc tggattgtgc tactgctaca gattcatgtt tggtgtttgc     120
tattgaactg ggctgcttat atcctgacac ggaagagtgg aatcgcccaa agcaagtact     180
tctaatcagg tccacaactc cctttgcctt taaccttgct ttttccctac ctctggttgg     240
tgggctaaaa gggagggtta agaaccccaa ataaagtcag ttttgaaaaa cctaaaaaaa     300
aaaa                                                                   304
```

<210> 146
<211> 250
<212> DNA
<213> Mus musculus

<220>

36

<210> misc_feature
<222> (1)...(250)
<223> n = A,T,C or G

<400> 146
gaccttgttg gaagaagtgt gtcattgtgg tcatggactt taagacctgc ancctagctn   60
cctggaagcc aatctttacc tagccgcctn tgaaacagct cctnctgcac catgcctgnc   120
tggacgctgn catgcttcnc cttgatgata atggactgaa tctntgaacc tgggcaaaga   180
gccnatgggg agaagagaat cttnangctc tgancatcca ggagggtgaa gatgttacca   240
tgaactgcag   250

<210> 147
<211> 334
<212> DNA
<213> Mus musculus

<400> 147
atctaaaaaa actcaaagca atgtccctaa gaagccactt gaaaattcct agatggcctg   60
ggagttagaa gcatgaaaca cagcctcaaa accaaaacca aaaagcgggc tacaggtata   120
aaatgagtgt taaagaagtt tgaaataggg ctggtgagat ggctcagtgg gtaagagccg   180
actgctcttc cgaaggtccg aagttcaaat cccagcaacc acatggtggc tcacaaccac   240
ccataatgag atctgatgcc ctcttctggt gcggctgaag acagctacag tgtacttaca   300
tataataaat aaataaatct tttaaaaaaa aaaa   334

<210> 148
<211> 182
<212> DNA
<213> Mus musculus

<400> 148
ggttccaaga ctgccctttg ggattcaaac gggagccgct ttggactgac tggctgcctt   60
cctcctcctc cccctcctcc cccttctgct tcagatttat ttattatatg taagtacact   120
tgtagcagtt gtaggacaca ctagaccgag ggcaccagat ctcattggtg ggggtgggtt   180
gg   182

<210> 149
<211> 337
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(337)
<223> n = A,T,C or G

<400> 149
gtgctgggat tgcaggcatg tggccactgt gacaggtttc ctgtgctgtg ccgaggcccg   60
ggcccagcgc ctcgtgcaca ctagagaaaa ttctgcatac tgacccacat ccccagctct   120
accgtgtat atttctagtc attctttaaa cccaagcaaa tgtgtagagt ctcctatgct   180
gagatgtttt ttgccactac cagacatgta ggctatcatt tgacgtcttt attccctgag   240
agaaaacttc ttttctgtat ttatgaactt tattattgag aatcactgnt aacctttctg   300
ccaaattaaa gacacttgtg tctctgttta cacggac   337

<210> 150
<211> 377
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(377)
<223> n = A,T,C or G

```
<400> 150
actctagacc atgtgcctag gtagnttttn ccttctccgc agctctgctt ccccagcanc          60
gctcaccaca cccttgtttt gagaacctca ctaagtctgg agctcanaga aatgangaag         120
gtggatggag actgactcat gngcttgaaa ccatcaaatt gttcaagatc atcaagggac         180
tgagcctaag gctctgtcgg aggagggaga agccactgaa acaggggggac ccaggactca        240
catggtggct cgtaaccatc tgttactcta acatccaatt ctgacctgta ggcgccagtc        300
atctacaaga tgcatagaca catgtaggca aaacacttat acacataaaa taaaactgaa        360
aacaagaatt taaaaaa                                                        377

<210> 151
<211> 354
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(354)
<223> n = A,T,C or G

<400> 151
gtctttttcc ccttcctttc tgtggacaca gnacagctct tcggttncag gattgtgctg          60
gtcaattatt ttctcctact tccatgttat caagactact tctacatctt tttcactgta         120
tgtatatatg agtgaaatta tttagagcat tatttctaaa aaatgtattt ccagctctaa         180
aataggttga gattatcatg aacatttgtt gccgggcagt ggtggcacac gcctttaatc         240
ccagcacttg ggaggcagag gcaggcggat ttctgagttc gaggccagcc tggtctacag         300
agtaagttcc aggacagcca gggctacaca gagaaaccct gtctcgaaaa aaca              354

<210> 152
<211> 669
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(669)
<223> n = A,T,C or G

<400> 152
aagcctgagg ttgagctgga accggcttcg aatctgccgc ttgggagaga tgagagggac          60
gggggctgac tgctgctgga ccgactcgct cagctccttc aggtccatct cggccttgct         120
tcgatctgga agacaccagt atagcctcaa tcagaccagg ttctcacact ccaccaccca         180
ccactcaggg tttctctgtg gagccctggc tacactggaa ctcactctgc agaccaggct         240
ggcttcagac tcagatacgt gtctgcctct gccttctgag agctgggatt aaaggcctgt         300
gccaccacca cccagttcac atgaaattta aacacgtccg cccgtaactc tagttctggg         360
caatctgaca tcctcttctg gcttccgtgg gcaacgcatg cacgtggtgt gcctatccac         420
gcattggatc tagatgttcg tgtgcataaa tgcctttaaa aataagcttt acacataaat         480
aagagcggag gagtttgcgc ctggcctcaa atgctgctcc tgacgagaag cacctgactc         540
ctggagtaaa catggattca agtcctggag tggacgcccc tttccttntg ggaaatggac         600
ccggagcagc aattagcnta cctatctgct aggtcaagca cacaacaccn caaattaagg         660
aaaaaaaaa                                                                669

<210> 153
<211> 336
<212> DNA
<213> Mus musculus

<400> 153
ttgagggtca tctgtctttg ttgtctgaga tgcaagagtc acaggagaag tcatcaccac          60
ggtctgcggg agagacgtgg cagacggcgt ggtacggatc tgatctacaa ctgatggcca         120
actagtgaca cccagatgac tgtcacattc acgactcagg tatcgaagga tgttccagcc         180
cctccctact acctcccacc acaggtatc actatgtagc ctggctgtct tggaactcac         240
tacatagacc agcttggtct cgaactacag agatctacct gcctctgctt ccggagtgct         300
gggattaaag gctactgagc cagtcaaaaa aaaaaa                                   336
```

                                   38

```
<210> 154
<211> 582
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(582)
<223> n = A,T,C or G

<400> 154
agctgtttcc caagccgaag ttagagttct cctccagtcg tctggaccaa ggggagttgt    60
tggacctgnc ctgctccgac tcgggcacac ctgtagccaa cttcaccatc cagaaggaag   120
agacggtctt gtcgcagtat cagaatttca gcaagatcgc cgaggagagt gacagcgggg   180
agtacagctg tactgcaggc atcggcaaag tggtcaagag aagcggcctg gtaccgatcc   240
aggtgtgcga aatgctctcg aagcccagta tttttcatga tgccaagtct gagatcataa   300
aaggacatgc cataggcatc agctgccagt ccgaaaatgg aactgcaccc atcacttacc   360
accttatgaa agcaaagagt gacttccaga ctctcgaggt gacctccaat gacccagcaa   420
cattcacaga taagcccacc agagacatgg aataccagtg cagagcggat aattgccatg   480
gctccggtag gtccagagtt caaatcccan caaccacatg gtggctcaca accatccgta   540
acnagatctg actccctcnt ctgggagtgg cctgaagaca gc                      582

<210> 155
<211> 258
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(258)
<223> n = A,T,C or G

<400> 155
cctctacata cgagacagct ctgacaggct gagataggaa tgcctttttt tgntatctat    60
ttttttaat gtttttatta ggnattttct tcntttacat ttccatgagc tatcccaaaa   120
gtcccccaat nncccctccc caggaatgcc ttttngtggc caanaatctn gntgggnnct   180
gttagtgtna tgattntatn cactgtaaag atatggctct gtatttcttg catgcctaaa   240
gcaccttctg attgatta                                                 258

<210> 156
<211> 275
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(275)
<223> n = A,T,C or G

<400> 156
aagggagacc ctcactcaag cactcaagnc nnggnacngc cgcggaccca ngangacnct    60
gagaccgtac tcgaaatgta taangagata gctctaatnt tanagcgagt nntcnacctn   120
ctganggacc cgatattgtt gncttagtac catancctgg actgcgttta tccttttttct  180
aatanaagct actaacttat taaggatgca gggcccaaaa gtaagcnaaa gcatnagtgg   240
aatttaaagg tcctgntata ttggaaagga aagtg                             275

<210> 157
<211> 288
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
```

39

<222> (1)...(288)
<223> n = A,T,C or G

<400> 157
gactgagatg atggatcaca tgggtggtga tgaggatgta gatttaccag aagtagatgg   60
agcangatga tgattcacaa gacagtgatg atgaaaagat gccagatctg gagtaagggc   120
tgttgtcatc gcctggattt tgagaaagga aaataacttc tgcaagattt cacaattgag   180
aaaacccctg agtcgatagc tctaaaggca gatatgctgt acttgcctcc tctaacccag   240
ttgtcaacct ttttttttct ttttcttttt tttctttttt ttttttttg   288

<210> 158
<211> 190
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(190)
<223> n = A,T,C or G

<400> 158
gaactgaggg agcccgaacc tcagctgnca tggcgtcaca gcatngggct gcgcatgcat   60
gctcatgcgg gagcaggccc agcaggagga gcatgcgaga gcgcatgcan nagcaggctg   120
tcatgcatta tatgcaacag cagcagcanc agcagcagca gctgggtggg ccccccaccc   180
cagacatcaa   190

<210> 159
<211> 226
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(226)
<223> n = A,T,C or G

<400> 159
ggtgtcccat aggtctccgt gcgactagga ggggcagngg tggcggcggt ggcagcagcg   60
gcagcggcgg cggcggcagc agcagcagca gcagctagca acctggtcag ggtacgctct   120
ccatccacag agatgagccg tcaggctgct acagcattat ccactggcac ctcaaagtgt   180
ccaccatccc agagggtacc tgccttgact gacacaactg catgca   226

<210> 160
<211> 401
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(401)
<223> n = A,T,C or G

<400> 160
gactgaggcc tgaagggaaa gatttcagca ttcatcggct tgtcctgggt aagctgaaca   60
aagtctggtt tttgttgtgt gtggnttttc cttccttcct ttcttttttct ttctttcctt   120
ttttctttct ttctttttttt aaacttggga ccaccaagtt gtaaagatgt atgttttttac   180
ctggcagttg ttccactggt gaactgtcaa gttgagaaan agtggattgc tagnttgtgt   240
tngnttttaa nattaaatta atccttgata aaagttgctt ttttangggt tagncttttga   300
ccactatagt ttgatgccat ctccatttttg gttgacctgt ctcaccatca ggcctgntac   360
tctccatgac taactgngta agtgcttata atggaataaa t   401

<210> 161
<211> 100

```
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G

<400> 161
gacttcagga tgcattngac agtgactgng aaactggnag gatcatgccn aacaattatn        60
aaaatggaaa ntacagtgac taccaggaaa cataaaaaaa                              100


<210> 162
<211> 195
<212> DNA
<213> Mus musculus

<400> 162
gaactgaggt gaagcactgg tggaaggaaa agaacacgca ggagcgacca gggactgagc        60
gagtggagtt gaccggagca agaagaggtc ctaaaaattc aattcccaac aaccacatga        120
aggctcacaa ccatctgtac agctacaagt gtactcacat acataaaata atgaataaat        180
aaatatttag aatga                                                        195


<210> 163
<211> 216
<212> DNA
<213> Mus musculus

<400> 163
gactgagact ctcagcgttc tcatctctcc tccttcacca tgaagctgat ggacaaattc        60
cactctccca aaatcaaggt gagatggctc agcaggtaag agcacccgac tgctcttccg        120
aaggtcctga gttcaaatcc cagcaaccac atggtggatc acaaccatcc ctaacgagat        180
ctgactccct cttctggtgt gtctgaagac agctag                                 216


<210> 164
<211> 348
<212> DNA
<213> Mus musculus

<400> 164
cttcaagaag ctctactgcc tgagggccac tggctggaag aaccaatttc tcttacacag        60
gttccaggtg tgcatgtcgg gcatccctgt gggtgtttgt ggtcggctgt ctgtccatgc        120
tgctataccc cagtgtgctc tttgatccag tcccgaacta caggagcct tgtgtacacg        180
cctggcttgt tcctctgagc gcagccttca ccccagctca ccacaccagc ctggaacatt        240
cgcccatctt tctccgcgct tgacaagggg ccaccagagt caccctacgc aaaataaata        300
aataaataaa taaataaata aataaataaa ataaataaa ataaataaa ataaataaa           348
aataaataaa taaataaata aataaataaa atacccgaaa aaaaaaaa                     348


<210> 165
<211> 448
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(448)
<223> n = A,T,C or G

<400> 165
gactgagcta cggagtcaag gccaagtgag ggggaccagt gcggcctgtg atgactgaag        60
ccaccagcgt ctcagtgttg gacgtttcca gtgtgtgtct gacgattcga gcacacgtgt        120
gcacacacac ggacggacac acacagacac acacacacac atattctcac acacttatgc        180
gtgtgtgaat atgtgtgtgg atgtctgtag ctgtatgtaa agcacatatg gctacaggtc        240
tagatacaca catgagtgta tatatatg tatgtccatg ctagatacac acacgagtgt         300
```

41

```
atatatatgt atgtacatgc tagatgcaca catgagtgta tatatatgta tgtacatgta      360
aagatcgaag ggagcagggc gttttctcca aagtactgga cctggcttta accaaaattc      420
ttaaggaaaa tntttcaata taaaaccc                                         448
```

<210> 166
<211> 462
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(462)
<223> n = A,T,C or G

<400> 166
```
ctgagccagc aagcacatct gttggagcct acttcttcag gattacagtt tatacacgaa       60
gaccagctga aacacccaga ctgcagactc acgcccactg gaagcctacc tcttcaggat      120
tgcagtttat acagagggcc agctgaaaca cctagcctcg tggaactaga ctcttggact      180
tcccatttac agctgtccat tgttggnncc tgtttccang tccctgcatg ggttactgtc      240
ccgantnccc ttaaggatat gctgtgatat ngcatngtng gccanataaa ccttttcctg      300
accaatntgc anatagntgn nctagttctg nacttcctct ttggtctggc tgttggatta      360
tggtccacag tgaggaccan acnnagacac agtgaaaggc tacttnctgg ctggaangggg      420
acatggtgtg gtgggtcann tggggcatc ctttgttttc ca                         462
```

<210> 167
<211> 391
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(391)
<223> n = A,T,C or G

<400> 167
```
ctgcttcagc aggatggagc atcantgaga tggntcagca ggaacgcaag cagcagcagg       60
agctgcgctt ggccttgaag caggagcgcc gggctcaggc acagcagggc catcggccat      120
acttcctgaa gaaatctgag cagcggcagc tggccttggc tgagaagttc aaggagctga      180
gacgcagcaa gaagctggag agtttcctga gtcgaaagag gcggcggaac gcaggcaagg      240
acaggaggca cctcccgctg agcaaggagt agtaagaact gtcccaggag acctggatct      300
gtgggaacgg ggcttggctt gcccggctct ggatctttnc cttgctcaaa aatgagcttg      360
atgactacca ctggcctaag ctgacttgga a                                     391
```

<210> 168
<211> 574
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(574)
<223> n = A,T,C or G

<400> 168
```
aagacggatg ctcccccattc tgatgtgaag gatgangaag ggacngnaga anagncnncc       60
ncnnnnttta nacngactan canganaanc ttgaagagaa acacnngagt gatgctgaag      120
aagatggtgt tactggcagt caagatgagg aagatagcaa gcctaaagca gaggaggatg      180
aaattttgaa cagatcgcca agaaacagaa agccacgaag agagtgaaac aatctttaag      240
aacttgatct gtgatttcct ctccctcccc ttccctgca aatgtggtcc taggagaggg      300
cctggtgtac cttangtggg agctcaaaac ctcaagatgt caccatcaac aggttccagt      360
gaatactagc ctgtaattt aaacatctag cagtaaataa ttgcagttgt aatgtaaagg      420
accctgttc tgtagaaagg aaaacattta acataatggt tgngaaatgt accatgaaac      480
actaactagn gttttggttg nttttaaaan ttttccaggg nggctttttt tttttttccc      540
```

```
ttttcccttt tttttttttt tttttttaaaa aaaa                                         574

<210> 169
<211> 203
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(203)
<223> n = A,T,C or G

<400> 169
actcactatg aagccnnaga tgaccttgaa cttctgatcc tctcacctcc atccctgagt         60
gctgggactg ctggtatgtg ccgttatgng tgtgctgttg ggagattgan ctcaaggcct        120
ctcccatgct atgcaagcac cctaccaact gagctatatc cccagccttc ccaccttana        180
gnggtatatt gtactgagga tta                                                 203

<210> 170
<211> 270
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(270)
<223> n = A,T,C or G

<400> 170
gactgagatt ctcacaaaca caaagataaa cacaaagatc gagaacaccg gcataaagga         60
gcacaagaag gataaggata aggaccggga aaagtctaag catagcaaca gtgaacatan        120
agattctgaa aagaaacaca cagagaaaga gaaaaccaaa cacaatagat ggcagctcac        180
gaaaaacata angacaaaca taaagacaga gacaaggaaa gacgaaagga ggaaaagatt        240
agagctgctg gggatgctaa aataaaaaaa                                          270

<210> 171
<211> 342
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(342)
<223> n = A,T,C or G

<400> 171
ctgagagaga ttcagcctca aagacatcaa agccataaga cactatgtgt aaggtcaatg         60
ggatctttgg gaacaaaact gattcggaaa agacacctca tcttatggga gctgggcctc        120
tgtgtcacct ggaagagcaa acacatcatt taagaatcca tatgccaaca aggttttgct        180
gaaaggaccc cgatatagct gtcttgtgtg aggctatgcc agtgcctgnc aaatacagaa        240
gnggatgctc acagtcatct attggatgga acacagggcc cccaatggag gagctngaga        300
aagcacccaa ggagctgaag gggtctacaa ccctattggt tg                           342

<210> 172
<211> 331
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(331)
<223> n = A,T,C or G
```

<400> 172

```
actgaggtga ctccanngaa tgggtcattc catctccana ggggtnagnn acccaccagc      60
tgaaaactgc tttactaaat tggtctgcat ggctggccta caattcaaag atctgcctgt     120
ttctgcctcc cgagngccgg gatttaaagg catgtgttgg gctggagaga tggctcaacg     180
gttaagagca cagactgctc ttccagaggt cgtgagattc tgactccttc ctcangcatc     240
ctgataaaga tgttcgttta ctggtggctt gctgccttgc tgatattttc aggatttatg     300
ctcctgaggc tccttacacg tcgtgagatc c                                     331
```

<210> 173
<211> 353
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(353)
<223> n = A,T,C or G

<400> 173

```
tcaaacggga gccgcttngg actgactgnc tgccttcctc ctnctccccc tcctccccct      60
tctgcttcag atttatttat tatatgtaag tacactgtag cagttgtagg acacactaga     120
cgagggcacc agatctcatt gtgggtggtt gtgaaccacc caccatgtgg tngntgggat     180
tnganctcan gatctttana agagcagtcn gggntctaaa cngctgagcc atntttccag     240
nctcctgcat ttcttcttaa ggcatgaaat gatcncanaa tggnacgaca gtcttgnntt     300
nttttccttt ttagaanana ttttttccct ttttncactc attatactgt att           353
```

<210> 174
<211> 327
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(327)
<223> n = A,T,C or G

<400> 174

```
tgagatcaac ttgtgataat gctgccattg agagaaactc acccaacagc tgctcatgag      60
gtcctgcaga agtngcctct tccattgcct tgcctcagga tggntggtaa acctggcnat     120
tncttcanga ttgaactaca gctgcctggn gtctgcctgc caagaggact ggtctgcagc     180
tgctgaattg tatttgatgt ttgctacagg actgacctgc tgcccaagaa gatcaagctt     240
gcccccaaag aactactgat gaacaggctc acttcccta tatcctaata aattttctct      300
tctactacct ttgatgggta gtgggct                                          327
```

<210> 175
<211> 235
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(235)
<223> n = A,T,C or G

<400> 175

```
actgagaaag tctcgggctg gtgagatggc tcagtgggta agagcacccg actgctcttc      60
cgaaggtccg aagttcaaat cccagcaacc acatggtggc tcacaaccat ccgtgagatg     120
ccaggacttg gaaggtggan nccaaactgg ntcctgaaca aacagaagga tgtgagngat     180
gggaagttca nccaggntct ggccaacggt ctagacaaca agctgcgtga gatga          235
```

<210> 176
<211> 325
<212> DNA

<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(325)
<223> n = A,T,C or G

<400> 176
atggcacaat tcaatgaaac tgactttcta nagaanccaa gagttggggc tgnagagatg   60
gctcagtggt tnagagcact gactgctctt cnatgacgtc ctgagtgtca attgccagca   120
nccacatggt ggttcncanc agatncatnc ctgnagatcg cacatgcccn ctnctggtgn   180
gtctgaagnc antctccnnc tnacttgcat annntnaaac cttaagtgtt tggcatgagg   240
ctttaacaga cacaatctgg agtgnctatg ttttacccaa gangcccaaa aaagtancat   300
ttgattgcct agagtggatc ataaa   325

<210> 177
<211> 280
<212> DNA
<213> Mus musculus

<400> 177
gctggcgaca tcggccctcg tctgacccag gaacgctaag gaaggcacaa tgcggcgctg   60
ggtgaagatg cttcatagag gagaggagtc cctgaagatg cagagcactg tggcagcatc   120
agaagctgac aatgaccaat tgagagcggc cagcagagcc agtcctctta cagctgcaga   180
actcacggtg tgccagtcaa tggccatttg gcttttgaag caaattggga aagtgtaaac   240
gcttgataaa tagttgcctc ttgagtgaaa atgaaaaaaa   280

<210> 178
<211> 410
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(410)
<223> n = A,T,C or G

<400> 178
gtggctgcca atttgatgta aactccctgc tatgacgctt aactgtctgg aggagaagta   60
caagttggac taggaacaga ttgatccctc cacgtcagcc tcctggccac ccgagactca   120
catcttgtca gagaaacaca atgggctcat ttagctgtac attgaactgg tggtcttcta   180
agagaatgtg atgataataa gactttaagg taaaagttaa gaactggggc tgggggctgg   240
agagatggct cagcagttat agagcactga ctgctcttct gaaggtcctg agttcaaatc   300
ccagcaacca catggnggct cacaaccatc tgtaatgaga tctggcacct tcttctggng   360
tgtctgaaga cagctacagt gtacttacat ataataaata aataaatctt   410

<210> 179
<211> 290
<212> DNA
<213> Mus musculus

<400> 179
gactgagatt taccttcaag actgctgaaa ttttaactac ccaagatgcc tgtccctccc   60
ccaccagcac ccccaccgcc accaacattt gcactcgcta acactgagaa gcccaccttg   120
aacaagacag agcaggctgg gaggaatgct cttctctctg acatcagcaa agggaagaag   180
ctaaagaaga cggtcaccaa tgacagaagt gccccaatat tggacaaacc aaagggagcc   240
ggcgccagtg ctggtggcta tggtggaggc ggcggaggtg gtggtggagg   290

<210> 180
<211> 287
<212> DNA
<213> Mus musculus

45

<220>
<221> misc_feature
<222> (1)...(287)
<223> n = A,T,C or G

<400> 180
agactgagag agaagcctgc cgatgaatgt ctcgtggaat tccanccgat tcttcccact   60
tncgatgggt naanccaccg ntactgattc ncatttggng tnngctatng gactgaacct   120
gctgatatcc tgacatgaag cttagagtcg atctaaagaa ctacttctaa acaggtccac   180
aatgcccttg ncctagtaac cgtatctntc ccctacctct ggtcggtgct ctagaaggga   240
gattgatgca ttgaagaacc ccaaataaaa taggctttga aaaatca   287

<210> 181
<211> 273
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(273)
<223> n = A,T,C or G

<400> 181
tatttgcact taacagcaac ctcagcttnt tgccaggcgg ngagtaccaa gagctgctgt   60
ggagtgcaga tgctgacagg aagcagcagt gcagcttcaa gggcaaggac ccaaaggtga   120
gactgaggga tctgggcaga acactgagca gatatggctg ttatgggaag gacacagtct   180
ggacatcgcc agcactgggc ttcagcccca gccccagccc cagccccagc cctgtcctnt   240
atgngatcct ggataaatag attcatctgg tca   273

<210> 182
<211> 453
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(453)
<223> n = A,T,C or G

<400> 182
ttaccttaaa gatctncctg ttttgcctgc cgagngtctt attannggct gctccatcac   60
accagggatg gcaagatgcc ttcnagggta atagcactga ctgctcttcc naaggtgcct   120
gagttcanat cccagcancc acatggncgc tcaanaccat ctttaatgag atctgatgcc   180
tgtttctggt gtgtngtgac aacagctact ncgtacttat atatnacnaa tggatatctc   240
tttcaagttt tacctgccaa agttacacat gaaggggaca ctgtgggaga ngagtctgtc   300
tcctgcanaa tgtctctaan aagcccaggt ttctccttaa cctangaacc ctgcagctgt   360
aggacccana agtggggtct cttctctata ctaactatct taacccttat ctcttgccca   420
ctgaatatta aataaaatat cattagttaa tcc   453

<210> 183
<211> 308
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(308)
<223> n = A,T,C or G

<400> 183
gcctccagga tccagtccgg ctgtcgcgtt gcctgatcct gttcaagttg naggcttggg   60
aggaactgan tggtaggtca aggcttctat cttttttcca tgctaagggc tgtaccactg   120
ccaaaggtta ngaaaagata agaggggctg gcgagatggc tcaacgggta agagcacccg   180

46

```
actgctcttc cgaaggtcct gagttcaaat cccagcaacc acatggggggc tcacaaccat      240
ctatnangag atctgactcn ctcttctnga ntgtntgaag acagctacag tgtacttaca      300
tataataa                                                              308
```

<210> 184
<211> 440
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(440)
<223> n = A,T,C or G

<400> 184
```
agactgagaa aggccaactt ccatcaatgg gtggatgnnn cntgggactn tgctncacga       60
ntgcntgggc tgatagagcc tnanattcaa nntggctcat tntaccctat ggaaagagga      120
ggtggagtgn gagagccaat tgnaatggaa nacagngagg aaacaaaggc cttcnagaca      180
caanaggact gctgagctca caaagactga ggcagcaccc tcaggacctg cacaggtcta      240
agcttgatgc gatctgagta ctgagagggc aactggacac aattctatat tgataaccca      300
gaagctttct ccagttgata aactctttca aaggaaaaac ttgtttttcta ccatggagtg      360
acactggata tngaaacctt cccgttaaca ggcagacttc catgggctca agacttccaa      420
tacaatatga actcagttgc                                                 440
```

<210> 185
<211> 207
<212> DNA
<213> Mus musculus

<400> 185
```
ctgagggttc caagactgcc ctttgggatt caaacgggag ccgctttgga ctgactggct       60
gccttcctcc tcctcccccct cctcccccctt ctgcttcaga tttatttatt atatgtaagt      120
acactgtagc agttgtagga cacactagac gagggcacca gatctcattg tgggtggttg      180
tgacccaccc tgcgggtgct gggattt                                         207
```

<210> 186
<211> 318
<212> DNA
<213> Mus musculus

<400> 186
```
gtctcctatg ctcagtcaaa tctccataac tgtaaatcaa cactaagagc actggataag       60
ttaaggtcaa ggagactctc acaaaggatc cagaaggtgt agtccagatt aaggtgtgtt      120
ccaccacacc tttaatcccg gatgaccttg aactcggaga tttaatcttc tggaatccat      180
agccactatg cctcaagatc tccataccaa gatccagatc agaatcttct atctccaagc      240
ctccagataa gggtacctgg tgagccttcc aattctggat tgtagtccat tccaaataaa      300
atcaagttga caaccagg                                                   318
```

<210> 187
<211> 438
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(438)
<223> n = A,T,C or G

<400> 187
```
tccagactga gaaaangaga agaaatggca gnggttgatg acaaccaccc ntcntcccca       60
aaccaaaagg ancaggnagg aaccccntct tccaggactc ctgggacaca gagtcttcaa      120
gcagcgacag tggtgggagc agcagcagca gcagcatcaa cagcccagac agggccagtg      180
ggccagagag cagcctgagc cacaccatcc ccggatcctg ccccagcacc ccccagccga      240
```

47

```
tgcctgagca gtctggcact atgcccaagg gcccttactt tccacatcaa ccagaccctt    300
gaangaggct cactttcata agcctacagc acccgangcc ggcccgcega catgatgctc    360
cttccggcaa gtttcttgcc ttctgtgaan ggacaagcac tgtgcaaaat ggatatttca    420
acttaatgat ttggtttt                                                  438


<210> 188
<211> 357
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(357)
<223> n = A,T,C or G


<400> 188
agactgaggg agatcataga caacacaagc aaagagaacg ggatcgacat catcctggcc     60
gacaggacct tccatctcat cgcggagtcc cccgaagatg ccagccaatg gttcagcgtg    120
ctgagtcagg tccactcgtc cacagaccag gagatcagag aaatgcatga tgagcaggca    180
aacccccaga atgctgtgag gtgctggaga gatggctcag cagttaagag cactgactgc    240
tcttccgaag gtcctgagtt caaattccag caaccacatg gtggctcaca accatccgta    300
acaagatctg atgacnccct cttntggagt atgcttacag ctacagggta cttacat       357


<210> 189
<211> 100
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G


<400> 189
gagcacggca gtggtgaccc aacagctggt gtctaagccc agccgggaga ccccgagggc     60
canggccctg tcgtgttagc accgcagatc ggaaaaaaaa                          100


<210> 190
<211> 361
<212> DNA
<213> Mus musculus


<400> 190
agactgaggg agaagagatg ggtgactgtg ggtgatacct ccctgaggat attcaaatgg     60
gtgcctgtga cagatagcaa ggagtgtacc atattcatgc ctggtgccca ggaaggtcag    120
aagagggctt cagatccctc agaactggag tcctggatgg ctgagtcacc atcgaggtac    180
tggaaatcaa atccagatcc tctgaaagag cagcagacac tccttagctg cagaaccatc    240
tctccagctc ctccacagtt taaaaatatt atgtatttt atcttatgtt catgtgtgtt    300
ttgcctgcag aggccaaaaa tacatatctg ttctcgtgga actcgaatta caaaaaaaaa    360
a                                                                   361


<210> 191
<211> 241
<212> DNA
<213> Mus musculus


<400> 191
cgaagaaatg ctgtacgtgc ccttaaatca ctctctaaga aataccgctt agaagtggga     60
atccaagcta tggaacatct tatccatgtt ttacaaacag atcggtcctg agttcaaatc    120
ccagcaacca catggtggct cataaccatc cgtaacgaaa tctgatgccc tcttctggaa    180
tgtctgaaga cagctacagt gtaattatat atagtaaata aataaatatt tttaaaaaat    240
g                                                                   241


                                    48
```

<210> 192
<211> 262
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(262)
<223> n = A,T,C or G

<400> 192
cttttccctg gtcccangac ttncccaccc ctcctccaaa taccaagact atgggcttaa   60
aantttcaaa tgggngctgg agagatggnt catcnagtta agagcaccga ctgctctttc   120
taaggtcctg agttcaaatn ccancancca tatngnggct cacaaccatc tgtaatgnaa   180
nctgatgccc tcttctgntg tgtctgaaga cagctacagt gtactcacat atattaaata   240
aataattctt taaaaaaaaa aa   262

<210> 193
<211> 224
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(224)
<223> n = A,T,C or G

<400> 193
tgaggtccgc atagccgcta aattcatcac ccatgcaccc ccaggggagt ttaatgaagt   60
attcaatgtt ccaaccctgg gacagccctg aggtgctgaa caagggagat tgctgcaagc   120
tccattacaa cctggacgaa aggntgtctc aaaactnaaa tgaantgaat agaacccggn   180
cgggggcggt gcaccccttt attcccacca cttgggaggc acag   224

<210> 194
<211> 402
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(402)
<223> n = A,T,C or G

<400> 194
ctgaaggcag tttacattcg gagttccgcg gactcttcan aggctgtaaa aatgccggag   60
tcacgaaagc ctgcaaagag ctgttgcttg ccttgctgct gctgctgcta ctgccgtccc   120
tgcccgtgct gcagctgcta ctcctgctgc tgctgctgct gcttgttgct gattgttgcg   180
gttgctggtt gctgtttact gtttgctgcc ggctggattg ctggattgct gattgccagt   240
cggcgaaatc ctggcgatga agatccaact tgccccaaga aacaagacga ccctaagaag   300
tagtctaatg atttcaatac gccctttccc cctctgaccn tttttctctt accttatgct   360
gggggattgg aagggtggca gaaaaaagaa cccaataaag ta   402

<210> 195
<211> 413
<212> DNA
<213> Mus musculus

<400> 195
actgagggga gtacagttct ccaacactgc cccagctaaa tcatctaatg ccacaggtga   60
caagggcaa gaccacctct cctgttctca tgacctaggg ccggctctcc cacctgacag   120
aggcagcaaa aacgtaggtg gtgggagggc acctctccct cactcatgct accacgtggc   180
agacaaggga catgcagaca agggtcatgt gctcatgacc tctgtcagga tcacccaagt   240
ctccaccatc agtgccaact ctactgtgct gctcagatca gtttcttcct ctgaagatgc   300

```
gctgtctttt gcagatttca ttgatttttt ctttatacct ggttcagcaa aacaacatag      360
gaaggttaaa agacaggctc aacagtgaaa atttggtata ctttgaaccc ata             413


<210> 196
<211> 420
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(420)
<223> n = A,T,C or G


<400> 196
acctgcttgc tcggggtgga gctncctgct catncatnct accacgccca ctggnggaac       60
ntgaggagcc acanacgtgc nccnttctac tggancaata nantattatg gtgggaatng      120
ggtcccctnc cccttccttc ataactancc gnnanagcaa taaaanttga gccttgatca      180
tnangantga aaaaagaagg ggggggggna nnacccaac atggacacag gaatcttctt       240
gatagttcag tcaagttctc tcttctttat ttccccccaa ccccagctt atgttcctca       300
gcaaactctc aattacagng gggctatatt ctattttct ttaagggnna tggataccat      360
nnantttcct aannaccctt nanggggata aaagggnttt acatattaca gggggaaaaa      420


<210> 197
<211> 376
<212> DNA
<213> Mus musculus


<400> 197
agactgagga taattgaaat aaatcaaaac caaaagcagg tggaacagga tattaaagtt       60
gccatcttca cattgatggt ggagataaac aaaaaaggga aagctctgct gcaccagctt      120
gagagtcttg caaaggacca tcgaatgaaa ctcatgcaac aacagcagga agtggctggg      180
ctttctaagc agttagagca cgtcatgcat ttttctaaat gggctgtttc cagtggcagc      240
agcacagcct tgctgtacag caagcggctg ctcctgcttc ctgacctgct tgagttccag      300
tcctgacttc ctttggtgat gaacagaatc gtggaagtgt aagctgaata aacccttttcc      360
tccccaaaaa aaaaaa                                                       376


<210> 198
<211> 248
<212> DNA
<213> Mus musculus


<400> 198
ttgacaccct tagtctgcaa accaaactca gggccttctg tatgtggagc atttgttgta       60
ccgctgcctg aggacgagga aggggaagtt actgggctgg cttcgagaga tatgtatgta      120
tgcctgatgc ctgtggagtt ccaaaggtgt gtccctggg attggagtta caggcagttg       180
tgagccattt gggttctggg atgctaaccc aggttctctg caagagcaac gagtgcttca      240
accactga                                                                248


<210> 199
<211> 100
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G


<400> 199
ctcatagtaa aaagaagcga tccgggtcnc gcagncgnca ttcnaagtat ctcacctgtc       60
aggcttccat tgaattccag cctgggagct gaactcagta                            100


<210> 200
```

<211> 249
<212> DNA
<213> Mus musculus

<400> 200
actgaggatt ttggctttag agaagcttgg tgctgtcttc aatcaagtag ccttcccatt   60
gcagtacaca cccaggaagt ttgtcatcca ccctgagagt aacaacctta tcatcattga   120
gacggatcac aatgcctaca ctgaggccac aaaagctcag agaaagcagc agatggctga   180
ggattgtaag gaattgggct gccgactgta agtcatcaat aaattccttt actatctaga   240
aaaaaaaaa   249

<210> 201
<211> 260
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(260)
<223> n = A,T,C or G

<400> 201
cctgagactg caagtggcaa tgtggaagca aaagtcgtct gcttttacag aagacgggac   60
atctccaaca cgcttatcat gctcgccgac aagcatgcta tcttncacta nnagcctttg   120
gangaaanaca taaaactcnc anntcctnnt gcgccntgcc tgcctggata ctgccatgct   180
ctcacctgga tgataatgga ctgaacctct gaacctgtaa gccagaccca attaaatgtt   240
gtttttttata agaaaaaaaa   260

<210> 202
<211> 442
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(442)
<223> n = A,T,C or G

<400> 202
gatgaggtag gcacggctgg ccantcctgg gtgcacccca aaatacagtt tgctttaatt   60
gaacaatcac tcaaaaactg gcncaaggaa nananntgat ngnngnnccn ganctgcggg   120
tcgcggtaat aaaggttccc gtaaagnnga ctgttaagaa ggattcaact gtatgaattc   180
agaactttc agctggggaa cgagagtacc agtgagtaca gctttacgag gtaagtccga   240
tcttgaactt tctaacgaaa ttcaagacag tctatcagaa gtaaagtgga aaatggcttt   300
acaagttatg tttggccttg aattttttct agtgttagaa nccottttgt tccttttcac   360
atgttatcaa gtggttaaag caggcggat tctaaaggaa attcannaca agctntcana   420
agtaaaacgg ggagaaagag tt   442

<210> 203
<211> 197
<212> DNA
<213> Mus musculus

<400> 203
gactgggatg tcctaacttc aggatggaag gaaggaaaca tgatgccata ttgaagaggt   60
tttgtctttg tttcaatggg agaagaagag ctacggatac catcaaatta ataaagatta   120
gatttggcca ggggagacct cctgaaaatc ttggctacag acatgaagga aaaaattcaa   180
gaagaccaaa aaaaaaa   197

<210> 204
<211> 301
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(301)
<223> n = A,T,C or G

<400> 204
gactgaggga gaaactcact cgccaaacaa cgtctcgtgg tatcctggct gactctggcc   60
gcttcagcag agcctggctg ttcctgctgg attgtgctac tgctacagat tcatgtttgg   120
tgtttgctat tgaactgggc tgcttatatc ctgacacgga agagtggaat cgcccaaagc   180
aagtacttct aatcaggtcc acaactccct ttgcctttaa ccttgctttt tccctacctc   240
tggttggtgg gctaaaaggg agggttaaga accccaaata aagncagttt tgaaaaacct   300
a   301

<210> 205
<211> 267
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(267)
<223> n = A,T,C or G

<400> 205
atgacttgga taaagaacta aacaactaca ttatgcggtg tagggaatgg tactgaaaag   60
aaagcaaaaa aagccaagac taaaattaaa gctgaagtat aggaggagat ggaggaggag   120
gaggcggagg aagaacaggt agtagaagag gagccgactg taaagaataa aaagaagaag   180
gataaaaaga aacacataaa ggaagagcca ctttccgagg aggagccatg tnccagcaca   240
gcagttccta gtccagagaa aaaaaaa   267

<210> 206
<211> 370
<212> DNA
<213> Mus musculus

<400> 206
agctgtagct gtccctccaa acaaggctat tcagagagtt ggagacaaca gaaaaggcaa   60
gctagacacg ttcagcatga gtctaggact gggctccgta atttcctgtg cgtcttcaga   120
acaatctggc aaccacacag tttgtaaact gtacacctga acttccaaac tttacatatt   180
atacatacat acccatacat atggatagat acacgtatat gtatatatgt atattgtgta   240
tatgtatata aatatatatg tgtatataca tatatttata aaatgttaag acatatctga   300
tttactttca ccactacaga attatgtata ttactggaaa aatttagaaa tacttgcttc   360
ttaatagaat   370

<210> 207
<211> 256
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(256)
<223> n = A,T,C or G

<400> 207
acactgagag accctgttga ctgactgagc tggcttggcc acccaccctt gaaccaacga   60
tcatcctgtc ttggtttccc aagtgctggg attacagatn cccngngact ngcatgacac   120
ccctgtnctc ttntctcgga gacccngtga cttgcctgnc ccacagaaca cactnagcga   180
aaanctgctg nctgaataan cctnctgccc ccgtgcgtct cctnctccgt agncgtnact   240
gacggactgt ggtgac   256

<210> 208
<211> 544

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(544)
<223> n = A,T,C or G

<400> 208
ctgagccccc tgggatgata cccaacaact catgagaata atcttcatga ccgaagagtg   60
agagaggata atgcaggaag ccaaaaagaa tgtcccttca gacacgaggg catcatcgat   120
tgaccaggct gttatctaca gcgggtgtct cctgattaga cctggctggg actttaacac   180
agcagaaggt aagtggcacc tgaaggtcta ccgccaggct ccattggcag gtctcaagga   240
gggctgtact acaacccaca aatttgacca aggtacgtga agttagacaa ggatcagatg   300
agtcacctgc tgcctttcta gaatgactca tggaggcatt ccgtcagtat acaccctatg   360
atcccagcag caaggagcac aaagctactg ngactatggc atttattaga ccagcttgtt   420
agagatatca ggaaaatgct tcagaggcta nagggatgac agggtaagtc actgagggt   480
ttaatgcagg ttgcttgagg aagtctacca taacagggag acaggggggag aaaaaaccat   540
attg   544

<210> 209
<211> 525
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(525)
<223> n = A,T,C or G

<400> 209
gcaactgaag gaaaagctgc cctatgtggt aatgaaaaac ttaacactgt cctgcatgac   60
tgcctatgga agaccgatga cctctgccct caagcccaat ggagaatcct aggggcgcta   120
gctccatcca tctgtaagtc ccagaaccca agtctcagga gcggcgggag accggagaca   180
aagtgagaga ggtggatgga agcgaaagac aagcaggaga gagagaagag accacgctga   240
ctctcactcc ctcttcttta atacaacaaa gttgcaactt gggctcctgg atctaaatac   300
cgcaggtcca gagaagacaa aacaccaggc atcactgcat ctcttagggg gtacccacca   360
agacctccag gtccttcact ccaggaaggg ccctgttgaa tatctgcaga gagatgggtt   420
ggagcacagc ttggtgctca gtcctggccc tgtggctcct ctggtgtgct gtctgctcca   480
acgcaacgtc aggggacng caatgcgttt ccttttgac atcca   525

<210> 210
<211> 352
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(352)
<223> n = A,T,C or G

<400> 210
agaactgagg gttccaagac tgcccttggg tattcaaacg ggagccgctt tggactgact   60
ggctgccttc ctcctcctcc ccctcctccc ccttctgctt cagatttatt tattatatgt   120
aagtacactg tagcagttgt aggacacact anacgagggc accagatctc attgtgggtg   180
gttgtgaacc acccaccatg tggttgctgg gatttgaact caggatcttg cagaagagca   240
ntcaggctc taaaccgctg agccatctnt ccagnctcct gcattccttc ttanggcatg   300
aatgatccca gcatgggacg acagtctgcc ctcccttctt tttgagggag at   352

<210> 211
<211> 433
<212> DNA
<213> Mus musculus

53

<220>
<221> misc_feature
<222> (1)...(433)
<223> n = A,T,C or G

<400> 211
actgagcata aacagaggcg gcatgacaag aaacnnaggc tctggaggtt ttggtggtgg   60
tggcaccagg agagggacac gtggaggcag ccggggaaga ggtagaggca ccggcaggaa   120
ctcaaagcag cagctttctg cagaggagtt ggacgcacag ctggatgctt acaatgcaag   180
gatggacacc agctaaacaa ctgagcaaat ccacacaagt aacaggaccc agaagcctcg   240
cctgtgatgc ctagagggag ggttggcaac tgaactgtgc agacaatggn ggatttggtt   300
tggttctttt tatttctttt ctttttttt ttnttcccgg tttaaaaaag gatntaaaaa   360
cncttntaaa ggnttttttt tttttttttt tggggttggg gngggntttt ggtttttttt   420
ttaaaaaaaa aaa   433

<210> 212
<211> 100
<212> DNA
<213> Mus musculus

<400> 212
ctgatacatc tttagatggt ggaagatttc tctgagaagt gagtatcggt cagcaaaacc   60
tggagaaaca aaggaaagcc atgaacactt gctagataac   100

<210> 213
<211> 372
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(372)
<223> n = A,T,C or G

<400> 213
gtgacaggag gccatantga ctganttgtg ganctctcac aggtgctgca ggaggcntgn   60
ntggtgccnt actgnnnaaa ctgnanaang gngnnggatg atcatctcac tgacaattta   120
gagacagaga aactgtgtga ctacttctcc acacacctgg gtgtctaccg gcccgtgctg   180
gctgcgctgg agtctctgaa ccgtgcggtg ctcactgcca tggacactac aaagctggga   240
ggagatgnag tctcccctnc cccancctga aacctgcttg ctcnggnggg agctncctgc   300
tcattcgttc tgccncgccc actgttgtan cctgnngaat cacacncgtg cacctttcta   360
ctggaccaga aa   372

<210> 214
<211> 203
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(203)
<223> n = A,T,C or G

<400> 214
agaactgagg gttccaagac tgccctttgg gattcaaacg ggagccgctt tggactgact   60
ggctgccttc ctcctcctcc ccctcctccc ccttctgctt cagatttatt tattatatgt   120
aagtacactg tagcagttgt aggacacact agacgagggc accagatctc attgtgggtg   180
gttgngaacc acccactcat gtg   203

<210> 215
<211> 100
<212> DNA
<213> Mus musculus

54

```
<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G

<400> 215
cactgagacc aacttttaca agtctacctg ttcgagaaga aatgatggcg aaatactcaa         60
acctttcctt aaagagctgt natatctcag tgacggaaaa                              100


<210> 216
<211> 430
<212> DNA
<213> Mus musculus

<400> 216
agactgagta tccctggaac tgatgatgtc atccagccag ctgctcctgt tgacccggga         60
cacccaccct tagctgactc gtcccaccat ggtgacgctg tcagctcagt ctctacacat        120
ctgacagtcc agagcgcctc cccatctgct gcccgtgcaa gtcctgctcc tttggcccca        180
gaacatacag cctcggctcc ctccgcagcc ggtcctggag tagaagtcac ccccactgcc        240
tcccgagtgc tgggattgaa ggtgtgtacc accacacccg gcgagtctcc ctttcttaac        300
cccatgagga taatccttcg ccaccatgat gtgctctcct aagtcatttt gggcactgtt        360
agctacgcac gcacgtcctc ttttcataga caaagaaact gagaacaaac aaggtacaaa        420
acaacaaaaa                                                               430


<210> 217
<211> 377
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(377)
<223> n = A,T,C or G

<400> 217
cactgagagg ctcacaggac acctgcacaa caaaggctgt ccccgtatgt aatcaacctg         60
gacccagctg tgcatgaagt ccccttttccc gccaatattg atatccgaga cacagtgaaa       120
tataaagaag tcatgaagca gtatcctttt nctcatctgc tgcgagactg actcggtcat        180
ggcaaactgc tgncttttaat tgntttgggg gagnggcttt gcctgtcang nngngacaat       240
acaagnagaa aactcatgnc cttttaggna atnntattaa gaggataaga tgagggctgg        300
tganatggct caacaggtna gaacactgac tgctcttcca aaggtcctga gttcaaatcc        360
cagcaaccac atggtgg                                                       377


<210> 218
<211> 495
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(495)
<223> n = A,T,C or G

<400> 218
cactgaggcc aagttcacag tggagactga ccccacatgt gagtttattt tgcctcacca         60
gttcaggtca cagttcacgg tggccccatg gtgtccacag tcaggaagca aagagagatg        120
gatgcttgtg ctcaacccaa cctctccttt ttatccagcc ttggatcaca gcccacttca        180
tgatggagca acactgggtc atcacccaag tgccnnggca catgcagcca cccagttttg        240
gactttcagc ttctaggact gtatcccatg taagcctctt tataaattat ccagcctcaa        300
gtgctctgtt atagcaacag taaccaacta agaccccata actccagcaa ctaatactta        360
atgaataatt gctgacttaa tctctcatca cttggattct ataaaggtct ttggcaatca        420
tttcttatng gaanaaatat tnttnttccc aatttgggcc cccncctact ttggggnaag        480
gggggggttag aaggt                                                        495
```

55

<210> 219
<211> 230
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(230)
<223> n = A,T,C or G

<400> 219
gaaactcctg cctatttntg tgtctttgct cctgctcctt accccttatt tgtaaggccc   60
anccttgaag aattgcttga gggctggaga gatggctcag tggttaagag tactgactgc   120
acttccagag gtcctgcaac cacgtggtgg ctcacaacca tctgtaatgg gatccgaagc   180
ctcctggtgt gtctgaagag actgacagta aaactcacat aaaataaata   230

<210> 220
<211> 295
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(295)
<223> n = A,T,C or G

<400> 220
gactgagaga aaaaagcaga gatcgtgaaa gggaacggga gcgggaaaga gagagagaac   60
gagaacggga acgagaacga gagcgagaga gagaacggga gagagaacgg gaacgggaaa   120
gagagaaaga caagaaaaga gacagagaag aggatgaaga agatgcntnt gaacgaagaa   180
aactcgaacg aaaactgcga gagaaagagg ctgcttatca agagcgcctt aagaattggg   240
aaatcagaga acgaaagaaa actagggant ntgagaagga ggcagaaaaa aaaaa   295

<210> 221
<211> 229
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(229)
<223> n = A,T,C or G

<400> 221
aattgaggct tccaagactg ccctttggta ttcaaacggg agccgntttg gactgactgg   60
ctgccttcct cctcctcccc ctcctcccct tctgcttca gatttattta ttatatgtaa   120
gtacactgta gcagttgtag dacacactan acgagggcac cagatctcat tgtgggtggt   180
tgggaaccac ccaccatgtg gttgctggga tttgaactca ggatcttca   229

<210> 222
<211> 127
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(127)
<223> n = A,T,C or G

<400> 222
gaaattcaat agcagtacag catttgcctt gcatgtgtca gncccttgtt tcaaactctg   60
gtaccagagt ttagatctgg ttttgataaa taaataaata aataaataan caacaaaata   120
taaaaaa   127

```
<210> 223
<211> 100
<212> DNA
<213> Mus musculus

<400> 223
gtccacttct tcaacagctt tttccataga cagctggtaa ccaaaggcta taatggagtt          60
aaaagatgga cgaagaagga aatctggaaa aagaagaaaa                                100

<210> 224
<211> 195
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(195)
<223> n = A,T,C or G

<400> 224
ttaggaaaaa ggtcacagga actgaagggg atgaaaggag ctaccccaca tgaacaccaa          60
cagcagtgnc nactngcctg dacccctgaa tactcccaga ancaacaccc aaagaacata        120
catggactta ttcaaggcct gtggcacata tctagcaaan aacttgantn tccccagtgg        180
gagaggatgt gccca                                                          195

<210> 225
<211> 316
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(316)
<223> n = A,T,C or G

<400> 225
ccaactgagg tcttgccccc tgctactctc ccaaaactac tgaactggac tgctggtatc          60
atccatggag tgtttgtgag tggactgagc tgctgctgct gacctgtgaa ctgaactgct        120
gatttctaac aatgcagata ggatttgctc caaaaaacca atttctaaac aggtacactt        180
cctccatatc ctttcttttc cactacctct ggtgggtggt tggctagaag ggaggttaaa        240
gcctttacta aaaagagggt tgagaaaaaa attaaagcct acancctttt attaaataaa        300
cttttgtaat gggtaa                                                         316

<210> 226
<211> 227
<212> DNA
<213> Mus musculus

<400> 226
gaggactctc ctgttcttgc cacatttgac tgaagaagga caacgggggtc aaggtttgag         60
gactgacagg taagttttcc tggagattca aaactgtgct tttcaacaag cattggggct        120
caaagttctg tcagtttgag ggcagcctag tctacaaagc gagttccagg actgccagtg        180
gtctgttaca cagagaaacc tgtcttggaa aaccaaacca aaaaaaa                       227

<210> 227
<211> 182
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(182)
<223> n = A,T,C or G
```

<400> 227
attcttgagt ttcttggggc cangaagatg acacgantag atctagacnc tggcctagcg   60
tgacctccan agtttggncc ttgcntaaag gagaaaatta atnccttcag ttgntctctg   120
acctccacat gcgtcctgta acatgggtgt atgcatacac ataaacacac atccacacgt   180
tg   182

<210> 228
<211> 140
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(140)
<223> n = A,T,C or G

<400> 228
gaagaatttt catcaacaaa catcattttn aaagaaattn anggcgaaaa tggggcattg   60
ggnnnccntg ggggaagggg gagactgana gaatgagaat gaatnatggc caaataaata   120
aataaataaa taaataaaaa   140

<210> 229
<211> 204
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(204)
<223> n = A,T,C or G

<400> 229
attatataca ggagtgcnta aattttgtct gttacagccn cggccattag aagctggggc   60
aaagcttttc tgcctactta actctgattt tatntatnng ttatatgtaa gtacactgta   120
gctgncttca gacactccag aagagggagt cagatctcat tacaagatgg ttgngagcca   180
ccatgtggtt gctgggattt gaac   204

<210> 230
<211> 235
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(235)
<223> n = A,T,C or G

<400> 230
actgaggcag ggcgtgagta ctcgcctgct gccaccactg cggaaaatgg gggtggcnag   60
aagaaacaga aagagaagga gctcgatgag ctgaanaagg aggttgccat ggatgaccac   120
aagctgtcct tggatgagct gggctggcaa ggaaaggttg gggtgtgctg gctgaaggag   180
agaaaggaga gaaaggagag aaaggaaaga aggaaggaga gaaagaaaga aagaa   235

<210> 231
<211> 141
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(141)
<223> n = A,T,C or G

<400> 231

```
gttgtggagg aggcagagaa tggaacgaga tgcacctgcc aatgggaacg ctcaaaatga      60
ggaaantggg gagcaggagg ctgacaatga ggtagatgaa gaagaggaag aaggtgggga     120
ggaagaggag gaggaggaat a                                               141
```

<210> 232
<211> 104
<212> DNA
<213> Mus musculus

<400> 232

```
tgaggaaaga ccgggaacga gatcgggata gagaggaccg atctaaagat cgtgaccgag      60
aacgtgatag aggagacaga gaacgggaga gggaaaaaaa aaaa                      104
```

<210> 233
<211> 740
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(740)
<223> n = A,T,C or G

<400> 233

```
caggcttgac caagaacctg aagcctggtn aggatgactt ggannntgac ctgnaactgg      60
atcccatgct gncttttgaa cagagcaggn ggatggacct taatntggac ctagacttgg     120
acttggacca gncanagctg gaccctggat ctgagctgga ttctgagatc caagccaaac     180
ctgagctgga actagagtcg gagcttgaga cagatgccca gacagagcca gagacagagg     240
aagagccaga gctggagcca gagccagagc cagagccaga gacagagcca gagccagagc     300
cagagagaga gaggaagacc aggacaaggt ctcagagccc ctggcggaac tacttcactg     360
cttatcgctt tggttcttca aactcccagt ctagagctcc acctcagaca cgcccagaaa     420
agagaaagcc acataattac cccaattctc cctaaaacaa taaggatcct tggtaggtga     480
ctgcaaaatg caggctgagt atcttggcaa atcccttctg ccctacttgg catgacatct     540
agactgggta caaagccacc ggtcctggct ctgtgacccc ttcattgctg acttncttct     600
tattggattc ttgggatcac atgcccatca tatgcccang ctatgtgact tcaaggntgg     660
caantggctt ttggggtctg gcttcaggct ttgcanaatg nattttttaac agatttcagt     720
gaaggcttcc tggacgtact                                                 740
```

<210> 234
<211> 291
<212> DNA
<213> Mus musculus

<400> 234

```
ggttccctaa aatcagactc tgtcatcggc aagtggagac tgtaacacga ctgggaccct      60
cacatgccga taagcagtca agaatatttt ctgggagctg gagagatggg ctcagcagtt     120
aagaacactg actgctcttc cggaggtcct gtgttcaaat cccagcaacc acagggtaac     180
tcacaaccat ctgtaatgag atctgatgcc ctcttcgggt gtgtctgaag acagctacag     240
tgtccttaca tataataaat aaataaatct ttttttttaa agaataaaaa a             291
```

<210> 235
<211> 306
<212> DNA
<213> Mus musculus

<400> 235

```
agggagaaac tcactcgcca aacaacgtct cgtggtatcc tggctgactc tggccgcttc      60
agcagagcct ggctgttcct gctggattgt gctactgcta cagattcatg tttggtgttt     120
gctattgaac tgggctgctt atatcctgac acggaagagt ggaatcgccc aaagcaagta     180
cttctaatca ggtccacaac tccctttgcc tttaaccttg cttttttccct acctctggtt     240
ggtgggctaa aagggagggt taagaacccc aaataaagtc agttttgaaa aacctaaaaa     300
aaaaaa                                                               306
```

<210> 236
<211> 600
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(600)
<223> n = A,T,C or G

<400> 236
acaatctgga gcaaaagatc ctgcaggtgt tgagcgatga cggcggccct gtgaagattg   60
gccagctggt gaagaaatgc caagtgccca agaaaaccct caatcaagtc ctttaccgcc   120
tgaagaagga ggacagagtg tcctccccag agcctgcaac atggagcata ggcgggggctg   180
cttctggaga tggggctcct gcaatccctg agaactccag tgcccagcct agccttgatg   240
aaagaatatt aagattcctg gaagccaatg ggcctcacag ggccctgcac atcgccaagg   300
ctctgggaat gacgacagcc aaagaagtga acccactcct gtattccatg agaaataagc   360
accttctgag ctatgacgga cagacgtgga agatctacca ctcacgtcag gaaggccaag   420
acatagtctt gccatgtagc cctggatgtc ctagaactca ccatgtagac caagctggtc   480
ttgaacccac agagatcttc ttgcttctgc ctattaaatt ctgggattaa agcaccacta   540
cacctggaaa aatatctttt aaagncngta aaataaatga caattaaag aatgcattct   600

<210> 237
<211> 266
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(266)
<223> n = A,T,C or G

<400> 237
gtggaactag actcttggac ttcccattta cagctgtcca ttgttgggac tagcggctca   60
ttcagcacca tggagagtgc caccatcagc cctcagcccc cacagtctga ctccctggag   120
gcctttcccc agaagagcat ggagcctgca gacatcgctg tcctagttct gtacttcctc   180
tttgttctgc ttgttggatt atggccacag tgaggaccaa acgaagacac agtgaaaggn   240
tacnttctgg cttggaaggg acatgg   266

<210> 238
<211> 459
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(459)
<223> n = A,T,C or G

<400> 238
atctcagcgg ttctatagca cgctccagat gtcaaattaa acctcggtgt aagcggagat   60
ttcatcaaag aatctacagc tactacattt ctgagacaaa gaggctatgg ctggctttta   120
gaagttgaag atgaggatcc tgaagataac aagccacttt gtatgtgaa agancatgta   180
atttgngtnt taagacctaa tntgnaggat gcttatgtnn nttttanaga cagatgaaga   240
aaatgtnagc ctttntgggn aaaaatanta nagatgaaat cganaaaact tttggtgaaa   300
aacagagatg gctcancagn taagagngct tcctgctgtt tgagagagct tgngtttggt   360
ccagcactgt atcaggcaat gcagctgcct atagctccac atctgacttn gtacacttat   420
agaaacacat acacaaataa atctttttta aaagtaaaa   459

<210> 239
<211> 277
<212> DNA
<213> Mus musculus

60

<220>
<221> misc_feature
<222> (1)...(277)
<223> n = A,T,C or G

<400> 239
gagtgatcga agaggagcca tgatggntaa acttctttaa aagaaagaac gacaaactgg   60
ctttccttga tgcctttgaa cctgagtcca gaagacttag ggacaatgga tagctaaaat   120
ttatttatat ctgaagttgg gtggcagggt gcactccaga ggcagaggca gaggcagggg   180
gatctatctc cgagtctgag gtcagcctgg tctacagatc gagttccaag acagccaggg   240
ctacaaagaa aaatcctgcc tcaaaaaatg gaaaaa   277

<210> 240
<211> 346
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(346)
<223> n = A,T,C or G

<400> 240
aactgaggaa ggtgacanat ctctggaaan ggngctacat atgattcnan gacaccatgn   60
ggatgctggn natgaaantg gggccctctg gaanaacann ggaagaacgg ccaatgctct   120
tagcagacga agcctctcca gcctnccctt cacaacccct agtgttatca agagactagc   180
aaaccttcan ggggtcttca actaaataat acaatgagtt ttgcctttaa agagcacact   240
gctgggctgg tgagatggct cagtgggtaa gagcaccgga ctgttcttcc gaaggtttga   300
agttcaaatc ccancancca catggnggct cacccccccc cccccc   346

<210> 241
<211> 282
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(282)
<223> n = A,T,C or G

<400> 241
ccactgagct taaacacaac tgaagtctgt ctgtctcaag tgtattaatg acgcctgccc   60
aangtggtgg gaaagtccgt gaaactgcaa tcggggggctg gtgtgatggc tcagtggtta   120
anagcaccga ctgctcttct gaaggtcctg agttcaaatc ccagcaaccg catggtggct   180
cacatccatc cgtaacaaaa tctgatgccc tcttctggag tgtctgaaga cagctacagt   240
gtacttacat ataataaata aataaatctt taaaaaaaaa aa   282

<210> 242
<211> 100
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G

<400> 242
gatcactaga cgggagatgc tgccaagngc cccagacggg atcaagactg caatgacaac   60
cataagatnc cctaaagcta ggacactgca aaaaaaaaaa   100

<210> 243
<211> 398

61

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(398)
<223> n = A,T,C or G

<400> 243
ggtcctctga acaatctaca agaacaacta cagcngacac ctcagcgcag gaaaaccnta   60
atngntnnnn ccagcctttc aaaaccaaaa tntttaggtt ttaccttta gcatggtaca   120
ttactgngaa aacataacgg aatgcagaag aatacagctt ttagcttact ttggtgaaaa   180
aggattcaac cctgattttt gtaagaaata cccagatgtt tcttgtgaca attgctgtaa   240
aacaaaaggn aattacttaa gtggngatgc aggcctttaa tcccagcact tagaaggcag   300
angaaggtgg atctctgaaa tcaaggccag nctggtctac acagagagtt ccaagacagc   360
caaggctaca ttatgaaacc caatctcaaa aaaaaaaa   398

<210> 244
<211> 457
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(457)
<223> n = A,T,C or G

<400> 244
agctgctggt gcttgtgctg ttcccaagcc aaagggaagg agagtgcnag gaagaactag   60
tggtggagtc ccggtatctg caatatgaca agaaagcnaa naagggtccc cctggcctnt   120
ganaaagaac atcaaagatg gcttaacctc tgtagtggct attcctgggt gtcaacttga   180
ctatatttgg gaatgaacta caatccagaa ttggaaggct caccantgac cctaatctgg   240
aggctgggag atagaagtnt ctaanctgga tcttggtatg gagatcttga ggcatagtgg   300
ctatggattc cagaanatta agacagggag atctccgagt tcaaggtcat ctgggattaa   360
aggnatggng gcacataatc tgggctacac cttctgctgg agaccatata aggacattgg   420
aagaagggag nctcactctc gctcctttgc ctgcttg   457

<210> 245
<211> 445
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(445)
<223> n = A,T,C or G

<400> 245
actgagattg ggacaaaaca cccatgggaa ggagttacag aggcaaagtt tggagctgag   60
acaaaaggat ggaccatcta gagactgcca tatccaaaga aattaaagat ctcagaagat   120
gcctctcaca gaagccagtt gtcatcctct gaactgctct aatgaaaagc aaggaccaaa   180
ggatggctga gggccaacag ccacggagaa aatcaatcct gtcattgcga gtgggtctgg   240
acgcaccctc ttctttccag tggagccaga ggtggcacca gcttgggcta agcctttgaa   300
tgtggacttg caaggactca gccaagttgt gtctagatta ccggccaaaa gacacctgta   360
agagttaagt tgggngttgg tagttgctca cttttggagn aatttattac tanttcatag   420
ataaccaata aagagtcttt tatcg   445

<210> 246
<211> 169
<212> DNA
<213> Mus musculus

<220>

<221> misc_feature
<222> (1)...(169)
<223> n = A,T,C or G

<400> 246
tgcggccata attgttccta ttgccaaacc aagttctgtg ctcgatgtgg aggncgagtg   60
tccttacnct caaacaagct attgtctatt ggcatcttta ttcaccattc anaattaact   120
tgggnatggg tcccaaaagc tatganccta ttccaaaact tgaaggcca   169

<210> 247
<211> 459
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(459)
<223> n = A,T,C or G

<400> 247
tgaggtgatc cctgactaac agcgtcntca atgcntctgt cgcattcaag acatctgngg   60
ggtttctgnt cttttaagt tttaacccnc tggnaggatg anggtttcgt cacacctgca   120
aacccgngcc gntcacggtt tctcaccgga gtggcttgnt tctagctctg gatctgtgac   180
tcatgcagaa acccaaatgg aatcatcttg cantagttga aagtgcttcc tctgaagata   240
ccaggttttc attgaggngg aagcaaggna cctgactctc aaggnnacan ngtgacccat   300
ttagaggcnt atgnntaatg tataccgnna atgctatnan gcctgtcgag atggcncanc   360
aatnaagagc actgactgct cttccagang tcctgagttn aattnccagn aaccacatag   420
tggctcacaa ccatctacaa tgtgatctga tgccctctt   459

<210> 248
<211> 225
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(225)
<223> n = A,T,C or G

<400> 248
ccgcccacca tgggagccct ggctgtnttg gagctcacag aaaaaccgcc aactntgncg   60
acccctactt aactctggtt aaaggtgtgc accaccatgc ccggctntnc acaganaatn   120
nttattctta gcatggtagg ctcttccttc tggatcattt tattcattnt actacacagn   180
anagntttta ctaaaagact ttttncccca tttaagaaaa aaaaa   225

<210> 249
<211> 385
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(385)
<223> n = A,T,C or G

<400> 249
actctcaaag agaaaaaggc tgtgctcacc aacntcctgn tgcgcctgcn gtcatccang   60
ggaggtagac aagagaacct ggagctttgg ggttaaattc ttttactgag gagggattaa   120
aagcacaaca ggggtggggg gtggnatggg gaaagnnnct caaggatgct gttcancatg   180
agccngacct ggatgtcnct catgatttgc gannttaant tactgcnntg acantnctca   240
cattgtgtcc tctaanaacc ggttaagccn ttgtananag ancagcacag ctggccatca   300
gagtcaccaa tcccaacgcc aggctacgca ncgaagaaaa tgagtagatg gcttgtgtgc   360
atgttttat gtttaaataa aaatg   385

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<210> 250
<211> 430
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(430)
<223> n = A,T,C or G

<400> 250
gagcctagca tggctgtctt ctgagaggtc taccagcagc tgactgagac agatgcacat      60
aattacggta cagataattg gactaaggtc aaggacccct attgaagagt taggaaaaag     120
gtcaaaggaa ctgaagggga tgaaaggagc taccccacat gaagaccaac agcagtgtca     180
actaacctgg acccctgaat actcccagaa acaacanggn nngaacatac atggacttat     240
tcaaggcctg tggcacatat ctagcagaga acttgagtat ccccagtggg agaggatgtg     300
cccagttctg tagagactat ataccaggta gatacctggg gaggtcaccc tctcagaggt     360
aaaatggagg gaagacagag tggggaattc tgggaggggg taatgggaga tggggcaata     420
tttgggatga                                                            430

<210> 251
<211> 351
<212> DNA
<213> Mus musculus

<400> 251
gactgagcgt tgttgcagcc agcacatgga agcaactcag gcgctcagga ggctgagagg      60
aggaagcagc gtggaggtgg ctgaggatgg agctcggtcg gtcggatgct tgcttcacag     120
acacaaaaca acccagggct gcagagatgg cccagtcttt aagaacattt ctgttcttcc     180
caaggacctg agtttggtgc cagaatccac agctggtggt ccgtaatagc ctgtaacttc     240
aacttcctgt cactccagct ccaggggatc caatgccctt tcctggcctt cctgagcacc     300
tgcatacaca tcacagacag acagacagac atataaataa aagtaaaaaa a             351

<210> 252
<211> 265
<212> DNA
<213> Mus musculus

<400> 252
aagaaagtct cgccaacaga tggaatgaaa tggaagagaa aatgtcaagt cttgaagaca      60
aagtagaaaa atggatcgat catccaaaga ctatgtgaac tataaattaa aaatctaggc     120
attcagggaa tctgggacag tatgaagaga ccaaatctat gaataattga tatagaggaa     180
ggagaagaaa ctcaagtgaa agccacagaa aatatctttt aacaaaaatc atagaataaa     240
aaatttcaaa tctaaagaaa aaaaa                                           265

<210> 253
<211> 147
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(147)
<223> n = A,T,C or G

<400> 253
agactgagga ggaattttct cagcaaacat catttaaaag gaaattaatg gcgaaaatgg      60
ggcattggga aaccatgggg gagggggggag actgagagaa tgagaatgaa taatggcaaa     120
ntaaataaat aaataaataa ataaaaa                                         147

<210> 254
<211> 498
<212> DNA
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<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(498)
<223> n = A,T,C or G

<400> 254
gactgagaat ggcctacctg ctcctgtccg gctggcgaat cttaccacnt ctgnntcttc   60
tcccagagac ctcccccant cagatcagaa gtcccacctt ccntttgctg cccagctacc   120
agacattaaa tccttattan gncagaagca taancagnac nnatagncnc antncaccct   180
catactcagc nntnngctgg aacagaanta acaantgaat aacacaatng gcnaccttca   240
agtagtgcnc cccaacacac atgacaaggg tgctttgagt aggtttggcc tccatagatt   300
catgtattnc agtgcttggc cataggaatg gcactagtag gaggtatggt cttattgaag   360
aaggggtagc tttgttgaag gaagtgtctc actgtgggga tcagctttga agactcttat   420
gctcaagcaa tgcagaagac agtcccctag ctgccgtcag atcaagatgt agaactctta   480
gctcctccag caccatgt   498

<210> 255
<211> 389
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(389)
<223> n = A,T,C or G

<400> 255
tgtgggtctc cacggcacan ggctgagtgg ngctggacng ggnggngtgc tnagtccatg   60
tcaggacaca caggacactg gtgcagcttc attctagact gaatcaccaa agagcaagca   120
cngggctgga cctaggcccc ctgcatatat atagcatgat gagccacttg atcttcatgc   180
aggtctccca aacaactgga ggnggggctg tccctgagtc tgttgcctgc ttgtggatgc   240
tgcgcccta aatggacagn cttgtctggc ctgggtggga aagatgtgc ctactnctcc   300
tgcagggact tgatgtgcag ggggcggggg tggggagtg acatttgana tggggcttc   360
cccttctgtt tgagaagggg gatgggggga   389

<210> 256
<211> 416
<212> DNA
<213> Mus musculus

<400> 256
gactgaggaa ggaaatgaag tgggctagtc ttgcgcaccg gactcgacca gcaagaacga   60
cgctgcaaca ggatccttct gcacacgttt attgggagag cttgattgca gaggcgaaaa   120
gaccctgagc ccagaactgg tgctgcttat ataggcctag gagaggcgtg tctcacaccc   180
ggattggtta tgcactatgc ctcatttgca tgttcctcat ctgattggct actctctctc   240
tctgtacctc acagagcctc gttatcatac ctcatttgca tgtctcacat ctgattggtt   300
atactctcaa agcctcatta tcatgcccgg gccaggcagt gtctttgcaa aaaactttac   360
tgcatatgta cacattggtt gttgtccaaa cttatgcgtg gggggcccca caaaat   416

<210> 257
<211> 305
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(305)
<223> n = A,T,C or G

<400> 257
ccatattaaa aatgcacatg gttaatcnga acaagggctg accattttga aggacctta   60

65

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        tttccttgat gctcccggtc tttgtctcca ccgtctatcg tgctctcatc gaatggctga        120
        gctctgtgtg cgtcacgaag ggaattcacn tntcagcacc nacacagcan cttacanctg        180
        cctgtaactc cagcttcana ggacccaaca ttctcttctg gcctccgagg ncatctgcac        240
        ccgtccncca ccccgncnnc atgcatagcc aagattaaaa taaanctttt tttctttttt        300
        aaaat                                                                      305


        <210> 258
        <211> 177
        <212> DNA
        <213> Mus musculus

        <220>
        <221> misc_feature
        <222> (1)...(177)
        <223> n = A,T,C or G

        <400> 258
        gagttgctgc aaacagctct cctggngcca agggatgctc atctcatatt tgaatcatcc         60
        cgaccctcac tgagcagaca gctcccagag taacactgac tcagagagaa ggaattcgag        120
        tcacccggga tatttaaaat attctagtag ccacgtagtt taacagaaag aaaaaaa         177


        <210> 259
        <211> 173
        <212> DNA
        <213> Mus musculus

        <400> 259
        gggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct         60
        tcctcctcct cccccctcctc cccccttctgc ttcagattta tttattatat gtaagtacac        120
        tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tgg             173


        <210> 260
        <211> 311
        <212> DNA
        <213> Mus musculus

        <220>
        <221> misc_feature
        <222> (1)...(311)
        <223> n = A,T,C or G

        <400> 260
        agatctgtcc agaaggganca gggccaacct gcaaagaaga tcagaccaca cagccgtcta         60
        gaagaacaga aaccagctga gctatctgga agagctttag accaactgag acactgagga        120
        ggacactctc cagcctgttg agctgcctgc aggctgtgca gtgtgctaca agttcccagc        180
        gttgtgagct gtcacccatg ctggggtggg cctccgggat gcagctgtct ttgagtcatt        240
        tctgctccga taagtaaccc ctcacccata ttcttccaag taaccccaat aaaactcatg        300
        gcttaccaag t                                                              311


        <210> 261
        <211> 100
        <212> DNA
        <213> Mus musculus

        <220>
        <221> misc_feature
        <222> (1)...(100)
        <223> n = A,T,C or G

        <400> 261
        agtctcgaaa ttcgataagg tatcttgcna tatattcaga actctccctc ctagtgacng         60
        caatgaattc gacccagaag aagatgaacc taccctaaaa                               100
```

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<210> 262
<211> 210
<212> DNA
<213> Mus musculus

<400> 262
aggtacctga gaggaccaga agatggtgtc agatcctcgg gagctggaat tgctggcagt        60
tgtgtgttgc ctgacatcat gagtactaga aagttaactc aggtatctat ctataagagc       120
agtaagtgct cttaaccact gagcagtgtc tctaacccaa catgatagat ctgtatatat       180
aaatacatat agataggaaa ttaaaaaaaa                                         210

<210> 263
<211> 247
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(247)
<223> n = A,T,C or G

<400> 263
gggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct        60
tcctcctcct ccccctcctc ccccttctgc ttcagattta tttattatat gtaagtacac       120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggntgctac       180
cnnntntcca tgccgaanga gggggatcac anatagatat agaggtgaaa ataaagatct       240
cagttac                                                                 247

<210> 264
<211> 152
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(152)
<223> n = A,T,C or G

<400> 264
gatgtcccag gctccggaca acctgcaagc cagagacgct acagaaactg gaaccanacc        60
ctggtncnct tccagaaaga nngatngatc gaaagaatga aagaaagaat ggcaaaaatt       120
aagggtcacc cnggggctc caagcctatg ag                                      152

<210> 265
<211> 176
<212> DNA
<213> Mus musculus

<400> 265
gggttccaag actgcccttt gggattcaaa cgggagccgc tttggactga ctggctgcct        60
tcctcctcct cccctcctc ccccttctgc ttcagattta tttattatat gtaagtacac       120
tgtagcagtt gtaggacaca ctagacgagg gcaccagatc tcattgtggg tggttg          176

<210> 266
<211> 128
<212> DNA
<213> Mus musculus

<400> 266
tcagcaaaca tcatttaaaa ggaaattaat ggcgaaaatg gggcattggg aaaccatggg        60
ggagggggga gactgagaga atgagaatga ataatggcaa aataaataaa taaataaata       120
aataaaaa                                                                128
```

```
<210> 267
<211> 426
<212> DNA
<213> Mus musculus

<400> 267
cccggaagca gaagagagaa gagattgaga agcggagctg caagttgtgt gtcaagcctt        60
ggccccacca tggactcctc cccgactctg ccccactgaa aacgtcacat ggttatttta       120
gcaaatggac gttcaggtag accccctttc cagcccttat cccaggagcc cccacgagta       180
acatatgaga agcttctctg ttcctttctt aaaactaact tatggggctg gagagatggc       240
tcagcggtta agcgcactga ctgctcttcc gaaggtcccg agttcaaatc ccagcaacca       300
catggtggct cacaaccctc cataatgata cctgatgcca ttttatggag tgtctggagt       360
cagctacggt gtacttaaga aataataaat aaaacttagg ggggaaaaaa accctaactt       420
aaaaaa                                                                  426


<210> 268
<211> 379
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(379)
<223> n = A,T,C or G

<400> 268
ggctggagag atggctcagt ggttaanagc actgactgct cttccagagg tcctgagttc        60
aattcccagc aaccacatgg tggctcacaa ccatctgtaa tgggatctga tgccctcttc       120
tggtgtgtct gaagacagcg acagtgtact catataaata aaataaataa atatannataa       180
aaagncnnan tnncatnctn nnannttnnt ggactcanct acagtttgcc tcccaaaatc       240
cagggtcaac actgcaccac tgaactgtgt cccccagggt accatcacag agaatggcaa       300
aaaatgagcc cacatatgca tgccaacaga gtctgatatt ataggcttgn tgttttggaa       360
tcttaaccccc ctggatctg                                                    379


<210> 269
<211> 390
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(390)
<223> n = A,T,C or G

<400> 269
gccctgcaca cagacaaatg tatacattct tggagaagac taccttcttc caggtgatga        60
ccggggtggg cacagccttc acctcacagg aaaggaatac ttgagtccca gtgacattgt       120
gaatatctcg aggggggcatg aggaccacgg gagctggaag acaaaggaac aaccctgtga       180
tggtttgcat atgctcagcc cagggcttta agacgctcct cctggctgcc tgaagttagt       240
attccccctag cagcctgcag atgaagatgt agaactctca gctcctcctg caccatgcct       300
gcctggatgc tgccatgctc ccaccttgat gataatggac tgaacctctg aacctgtgaa       360
caattaaatg ctgncctata agaaaaaaaa                                          390


<210> 270
<211> 290
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(290)
<223> n = A,T,C or G
```

<400> 270
```
ccagcctgaa acctgctngc tcggcgngga ggcttcctgc tcattccttc tgncacgccg    60
actgntggaa cctgaggagc cacacacgtg cacctttcta ctggaccact anataatatc   120
ggcagggaaa tctgggttgc cctccccctt acttcataan tgggnagttt caacnataaa   180
atgaagagcc ttgatcagaa aggtaagana atgagggcca gntnaagatc gnnctgatcc   240
acggacacca agttattccg nggggagaca tggctagctt agccctgctg             290
```

<210> 271
<211> 355
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(355)
<223> n = A,T,C or G

<400> 271
```
cgagcctggg ctagaggcca tanattactt cttgaggaac tctnanangn cgagacaggg    60
aaggcaaaga acaaagaccc naaggaaann ctgcagnctg tttatgagtg tatagagaaa   120
acgtgtgaga aacttggaca gctcaatatt gatatttcca acatcaaagg tatttttatt   180
gagaattttc ctctatagtc cagctctgcc aatcccattc atgaattcat tctttcagct   240
tataataatt gagtctttat aagctgcaag ccttttggt ttttgtttgt ttgtttgttt   300
gtttgttggt gagactttgt gggaagaaca ataaacaaga ttctcagttc ccgtt        355
```

<210> 272
<211> 234
<212> DNA
<213> Mus musculus

<400> 272
```
agccaggctg gatgaagaaa acttgaagaa gattttccgg gaggttcaga taatgaagat    60
gctttgccat ccacacatca tcagactcta ccagaggtcc tgagttcaag tcccagcaac   120
catacaatgg ctcacaacca tctgtaatgg aatctgatgc cctcttctgc tgtgtgtgaa   180
gacacctaca gttactcata tatataaaat aaatattctt ttaaagaaaa aaaa          234
```

<210> 273
<211> 283
<212> DNA
<213> Mus musculus

<400> 273
```
cctggccctt cagaagtggc gccccgactt gtgcagcaag gtggcccaga tccatggcat    60
tggaggagat gtagtctccc ctcccccagc ctgaaacctg cttgctcggg gtggagcttc   120
ctgctcattc gttctaccac gcccactgct ggaacctgag gagccacaca cgtgcacctt   180
tctactggac cagagattat tcggcgggaa tcgggtcccc tccccttcc ttcataacta   240
gtgtcgcaac aataaaattt gagccttgat cagaaaaaaa aaa                    283
```

<210> 274
<211> 249
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(249)
<223> n = A,T,C or G

<400> 274
```
gaggcaccct aggatacatt tccacacagg ccttgtggat gcccatctct actgcctgaa    60
gaagnacgnt gtggatttnt taatggagaa tagcagaaca gncttcctaa atgaccancn   120
ncaccttana ncncanttcg caganactat ccccagctgg cnnaagncac gcctctggta   180
gagcacaagg aggatcaaat ccccaaacct gggattaaaa tgaangcaca ttcttatatt   240
```

69

aaaaaagaa   249

<210> 275
<211> 410
<212> DNA
<213> Mus musculus

<400> 275
actgaggtcc tactctcgct ctcccagcta ttcgtccaag tctggcaaag aggagcccac   60
ctagcagaag ctccaggtct cgtcgaagtc ccagctactc tcgctacagc cccagcaggg   120
aacgggacct aaagtatggt gagaaagaac cacagccccg agaacgtgcg cgcaggaggc   180
gacggtccta ctcacccatg aggaagcgca ggagagactc cccaagccac ctggaggctc   240
ggaggataac cagtgcccgc aaacgcccca tcccctacta ccgacccagc ccctcctcgt   300
ccagcagcct cagcagcgcc tcctcctggt acagcagcag cagcagcagc agcagcagta   360
gcagccgctc ccctagccgc agttactccc ggagccggag tccctggcct   410

<210> 276
<211> 389
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(389)
<223> n = A,T,C or G

<400> 276
ccaattgagg ccgacttggg ttgaggtaga gctcngggca tgaggccata attacntgtt   60
gtggaactct aannggtcgg acaggaagaa tcnatgcntt aaanaaagac atcnctncat   120
tgtgatttgt tcctgcccca ccctaactga tcaatcgacc ttgngacatt ccttccctgg   180
acaatgagtc tcatgatctc cccaccctgc accttgtgac ctccacttct gcccaaaaga   240
gataaccacg tttaactgtg cttttccact gcctacccaa atcctataaa actgccccgc   300
ccctattctc cctttgctga ctcctttttc gtactcagcc cgcctgcacc caggtgatta   360
aaaagcttta ttgctcacac aaaaaaaaa   389

<210> 277
<211> 100
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G

<400> 277
tggtgggccc acctancacg cgtgcaaaan gctccncggg tgctcaactt nttctagtcc   60
caactgcgta cgtgcgaccc acggaggcaa taaatatcca   100

<210> 278
<211> 422
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(422)
<223> n = A,T,C or G

<400> 278
actgaggctc attctccacn aagtgctcac cngtctttgc gngggatgag agancacagc   60
gcngngnang ctnagagatt nttcatccnt cctcggaagt gctngancan catnttcagc   120
ttgtcttcct gcttgaccac gataagctac aggcagaagg cagatggtaa ggaagggcaa   180

70

```
atggtaagga agaacgcata cacgcgtatg ctccctcccc agcttccttc ctgatgacct    240
gacaagaaat ccaggactca gagcagggct actcgctga gcataagagt acttgtctgg     300
agctggagag atgatggctc aatgggtaag agcactgact gctcttccga aggtcctgag     360
ttcaaatcct aacaaccaca tggnggctca ccaccatcct taatgaaaac tgatgccctc    420
tt                                                                    422


<210> 279
<211> 303
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(303)
<223> n = A,T,C or G


<400> 279
aggttgtctc ggagcaaagc tcagatacga ccctggaatt gatttacaga attgccagct     60
gcccaacatg gattcttgga accanacctt tagaattcaa caaacaaacn acccagggggg    120
ctggagagat ggctcagcac tcaagagcac tgactgctgc tcttccagag gtcctgagtt    180
caattcccag caaccacatg gtggttcaca accatctgta atgagttcca atgccctctt    240
ctggtgtgtc tgaagacagc gacataaaat gaataaatct ttttaaaaac ccaaaaaaaa    300
aaa                                                                   303


<210> 280
<211> 238
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(238)
<223> n = A,T,C or G


<400> 280
caagactgcc ctttgggatt caaacgggag ccgctttgga ctgactggct gccttcctcc     60
tcctcccct cctcccccttt ctgcttcaga tttatttatt atatgtaagt acactgtagc    120
agttgtagga cacactagac gagggcacca gatctcattg tggggcgct tctggataga     180
ggctgtggca gaagtttgac gggcccttnn tttgcttgca agggatggga tgtgggct       238


<210> 281
<211> 339
<212> DNA
<213> Mus musculus


<400> 281
ggcactccag ttaagagatt acctcaaatc tgaaataagg ctttggactt gtgaacagta     60
ttggaattgt tgaagaatat ggggactttt gaagttgtcc tggacatatg tttgcattat    120
aagatgacaa tgaaggctgc caggaaaact cagaaagtat tgtcctgcaac ttctttgacttga 180
gttcaatccc caaagccaaa gtgtggaagg agagagctga ttcctgcaac ttcttctgac    240
ttctatagca ctcacatata tcgggcacat gcatgagtat gcacacacac acacacac      300
acacacagat cgaaaatagt tgtaataaaa aaaattaaa                            339


<210> 282
<211> 427
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(427)
<223> n = A,T,C or G
```

<400> 282

```
gagcctctgg tgggcagtca caagcccacg gattccacca gtgaccccag gcctgctcac    60
atgagtgacg cgttcctccc catggccagc agcagagcgg actgaatgct gggtgacagg   120
ctggcctcag actccggtgc tcaaggatat tcttgcttca ggttcccaaa tagcactgca   180
cactgcacac gtgaatcccc atgcctgatg gtggatnnct gagttngagg ccannctggn   240
ntacanagtg agttccagga canncngngc tacacanatn aaccctatct tgaanaacac   300
attaacaaaa ctgacaaata aatgttatcc tttttaacag gtaatagaga atggccccan   360
ggggaccctg naaaagggac ttntaatcca tcaacatgga gcttgagtct tcttgggaag   420
aaaaaaa                                                             427
```

<210> 283
<211> 327
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(327)
<223> n = A,T,C or G

<400> 283

```
ctgaggggac tggagagctg aaggagcgcc agcttctcca gaattggact tctcagaacc    60
tttaatatgc taatgtgcat tgtgaatctc caagatgggg atatgatatg cagcattctt   120
gaatacttct aatgacaggg agcccactac ctcataagta aacccagaca aacagagata   180
atttaacaga aaagaaacat atatcggggg ctggagagat ggctcagcan ttaagagcac   240
tgactgctct tccanaggtc ctgagttcaa ttcccagcaa ctgcatggtg actcacagcc   300
atctacaatg tgatctgatg ccctctt                                       327
```

<210> 284
<211> 386
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(386)
<223> n = A,T,C or G

<400> 284

```
agactgaggt atctgagcgt nngagtcaan ctggattggc aatngggtta gcatggactc    60
ccttgggtgg cannatnatg tttggggaan cangnttaat ggncggtgaa ngccaactan   120
cactgaccgg ncannttggg gacgtnntga aggantctgn ccatctnanc ntnagntgcn   180
ttgaaagcna tgcaaacaaa taccacctga ctaatgcttt tggaagtttt gatcttnttg   240
acaacacaga catcgtgaga tgccaggact tgnaaggnga angngngtnt cactcctggg   300
ccactgccaa ggcttangca tgaaaacttg acatgcggga ctggagagat ggcttantgg   360
ttaanagcac ttgctactct tgcaga                                        386
```

<210> 285
<211> 448
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(448)
<223> n = A,T,C or G

<400> 285

```
gactgagctt ccctgggccc ccgagatggc tgctcttctg ggcgtcccct cccctggccg    60
gggccgagga cactgctgct gcgcaagagt cttcaggatg gctttggttt caccctgcgc   120
cacttcatcg tgtacccacc cgagtcggcc gtgcactgca tcctgaagga ggaagagaat   180
ggaggccgag gaggaagagg aggaggagga ggaccctccc cacggcaccg cctggagccc   240
atggacacca tctttgtgaa gaatgtgaag gaatgtggcc ccgcccacag ggcggggctt   300
```

```
cgcacaggag accggctggt gaaggtgaat ggggagagca tcattgggaa gacctactcc     360
caggtcatag gtctgatcca aaaaaagnga cnacacccctt ggactntnta ttatgcccaa     420
ggacgaagga catcctccag ctggccta                                        448


<210> 286
<211> 100
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G

<400> 286
ccctcaaagc tcttgctcgc tctgngatga agattgggcg gatngaggat gtcacccccca     60
ttccctctga tagcactcga anaaaagggg gtcgtcgcgg                           100


<210> 287
<211> 268
<212> DNA
<213> Mus musculus

<400> 287
gcttaagttt aaaacactga ggagttggca tccattggaa gaccttgaga tcctctcagc     60
tcagaactcc aggaccgatg catcttccca ccaccttgaa gcactgaaac aacaagaaaa     120
gccgggcgtg gtggcgcacg cctttcatcc cagccatcgg gaggcagagg caggcggatt     180
tctgagttcg aggccagcct ggtctacaaa gtgagttcca ggacagccag ggctacacag     240
agaaaccctg tcttgaaaaa ccaaaaaa                                        268


<210> 288
<211> 239
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(239)
<223> n = A,T,C or G

<400> 288
agaactgaag cccctacgat acatttncca caggccttgt ggatgcccat ctntactgcc     60
tgaanaagta cgtngtggat ttcttaatgg agaatagnga acaggcttcc tacatgaccc     120
cancaccttta cancacattn gnaganacta tcccnagctg gcataagtca cgccnctgct     180
tgagcacaag gcaagatcaa atccccaaac ctgggattaa aatgaaagca cattcttat     239


<210> 289
<211> 219
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(219)
<223> n = A,T,C or G

<400> 289
tacgacactc aaaccttggg ggttgcggnc tttggcnggn ttatggttga nnctgccntc     60
nncntcttnc tgntgtcanc attctccatg aaggagacgc cctctgaaaa aacccttgcc     120
aaccagcgca aggagatggc gaaaactcac caccagaaag gagagaagaa aaagaaggag     180
aaaccgtgg agaagaaagg aaagaccaag aaaaaaaaa                            219


<210> 290
```

<211> 312
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(312)
<223> n = A,T,C or G

<400> 290
gaccatgaca tgagcagacn gtcggacagc tactaataac acctctgatg gaacgctttt   60
tgcaggatgt tctgcgacac cacccatata attaccaaga caacagatct gcaccaaatg   120
agccagaggc ggcggcagca gcggcagcag cagcagatcc tggatcacct gaagtggtgg   180
tggttttgga tgattctgat gagaaggagg atgatactgc agatagcggt gcagagagga   240
actccgagga ttcaggatct gttgaagaga tagattatag acctggtact tctcaggaac   300
acgcagaagt tt   312

<210> 291
<211> 208
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(208)
<223> n = A,T,C or G

<400> 291
cgtcctggga gagagatcgc anaangagcc cgctcaagat ctcccacccg aagacgctcc   60
aggtctccaa gacgacatag atccacatct ccctcccctt ctcgactgaa agaaagaaga   120
gatgaggaaa agaaagaaac taaagaaata aagaacaaag ancggnggat cactgnggaa   180
gacctggagg gtaaaacaga gggcaccg   208

<210> 292
<211> 337
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(337)
<223> n = A,T,C or G

<400> 292
acaatctctc tccttaagga acttaatcac cctaatatcg gggggctgct ggatgtcatc   60
cacacagaaa ataagcttta tctggttttt gaatttctgc accaggacct caagaaattc   120
atggatgcct ctgctctcac gggcattcct cttcccctca tcaagggctg acaagatagc   180
tcagcaggta aaagagcctg gctncaagcc tgatgacctg atggcctgaa ctccaccccc   240
aggttccaca caagaagaac acggnacttc tgcaaattgn cctctgactt ccacacatgc   300
actgtggcat gcccctgccc gctctaaata caagaaa   337

<210> 293
<211> 417
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(417)
<223> n = A,T,C or G

<400> 293
actgaggtct gccctgctgc tgattcgtgt ttgctatccc agcactactg aactggactg   60

74

```
ctggtatatc gtggngtagc tgcaagtgga ttgagctgct gctgctgctg acctgtgaac      120
tgaacggctg atttcctgac aatgcagatt ggatttgctc caaagaacaa tttctaaaca      180
ggtctatttc ccctgtctcc caataacctt tcttttctac tacctctggt gggtgttggg      240
ttagaaggaa ggtcaaagca tttaagaaca attattaaaa ttagggctgg gaaaaatgta      300
agcatataca caatgcactg tggcatatat ggtcatgtga cacacatata catgtaataa      360
tcatgtgaca cacatataca tgtaataagt gaatatgntt ttttttaatt aaaacag        417


<210> 294
<211> 190
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(190)
<223> n = A,T,C or G

<400> 294
tgatacacac aggcctntga ggaaattnta atatgttctg gaagctctaa agaaaagcaa       60
gagtgcctgg cagtggtgga ggacaccttt aatcccagca cttgggagga agaagcaggc      120
agatttctga gttcaagacc agcctggtct acagagtgag ttccaggaca gccagtctca      180
aaaaaaaaaa                                                             190


<210> 295
<211> 464
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(464)
<223> n = A,T,C or G

<400> 295
aaccctagat tcacggacat gccggaggag ttcaacatgg ncacacacga ctgtcacaga       60
cggcagattc tgaacctaca tcgtgagcgg aagatgtagc ctttctacag gacgcatcga      120
gatgcaaggc aataccgtgt catagaatgt cgtaccaccc aggacgaggg tgtccccggg      180
gccgaggagg acacggagcc agaccttcag caccagcttt cagacccccaa aacctgcgac      240
ttcttcatcc ccaacagccg cctgcgcagt atcaatatga gcctccgagc gcccctctt      300
cctcctactc gaactctcag gcccccagca ctcaggaggc agaggcataa agatctcctg      360
agtttaaggc caggtctaca gagtgaggtc caggatagcc agagccacgc ggtgaaaccc      420
tgtctcaaaa agaaccaaat taaaccaaat caaaccaaaa aaaa                       464


<210> 296
<211> 389
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(389)
<223> n = A,T,C or G

<400> 296
ctcttgtggc ctctctggac acagtatgcg catagtgcag agaaatacan cctgaaagct       60
ggncnnggtg gctgtatgcc tttaatccca gcacttgnga ggcagangca ggcagatttg      120
ngagttcang gncnncctgg tctacaaagt gagttccagg acagccagng ctatacngan      180
aaaccctgtg tcgaaancca gcatacatan nancgannga cnagaaanaca gnttcaggat      240
tcttacntat aataantaaa tctttttnttc aaggatggaa ctccacccctt tacttgggtn      300
taagtatgta tggaatgttn tgataggaca tannaatagn ggncagatgt ggaaatggna      360
gggagacaaa tatacatgtg aaataaact                                        389


<210> 297
```

<211> 609
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(609)
<223> n = A,T,C or G

<400> 297
gagccttgct gacccaggct gnaacatcac tgaaaagttc caccccaaca tgatttacaa   60
ctntgaatgc ctgcgngngt ngnggcccct gnacagtacc gngcagncag cctacaccac   120
tcaatgnaag agtcctctcc tccattgctg gnccctgatc acatggctta aagctaatat   180
tnacctttgn ttcctacgcc aaccaaaggn gaatnccaca tctntgntca catcngggnn   240
nctactgaaa actgancctt caagcttact gaccgnaaag gatgacttat cggatatatg   300
aggaagacac attctgnntg agctctgcnt gcctcttcct tgtgtaactg gttcttnttg   360
aatatcattg natggagacg ccnccatgag cattcttcaa cttccagaca gggtttcctt   420
gannagctct agctatcctg gaactatatn tgtagnccaa ggaagcctcn aacccacagn   480
gatctgnccg cctctgcttt ctgacatgct aggaataaag acacatgcca ccactaccac   540
tcancactca aataatatat ccttcttccc cctgtaattc ctttccaact cccctcccat   600
ctgaatctt   609

<210> 298
<211> 407
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(407)
<223> n = A,T,C or G

<400> 298
tgagtgttag gagaattcat gcatccctgt gaagatgaca tcgtgtgtaa atgtaccacc   60
gaggagaaca aggtgcccta cttcaacgcc cctgtttact tagaaaacaa agagcaagtc   120
gggaaagtgg atgagatatt tggacagctt aaagattttt atttttcagt taagttgtca   180
gaaaacatga aggcatcttc ctttaaaaag ctacagaagt tctatat/ aga cccatacaag   240
ctgctgccgc tgcagaggtt tctgcctcgt cctcctggng agaaaggacc tcccagaggt   300
ggcggcggng gcggcagggg aggtcgagga ggaggaagag gaggcggtgg ccgaggtggt   360
ggaagaggtg gtggttttag aggaggcaga ggaggaggtg ggggctt   407

<210> 299
<211> 330
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(330)
<223> n = A,T,C or G

<400> 299
acatgacctt gcaagttccn taggnggggg gccattatca tnatggcatt aantgcacag   60
naggatccag gcgggcatag ctgctggana ngctgagagt tcnatatctt gctctgaagg   120
ccaacannag atgtcttccg ntcaactagg nggagggnct ctggangccc ncccncacan   180
tgacatactt ccttcaacaa ggccacacct tccancagga gccncctcat tggcggagca   240
tantcaaacc accacaagaa gtcagactcc caccnanggg atgaggcata agcctctata   300
actgcatgag aaataaaaga cagaggccgg   330

<210> 300
<211> 356
<212> DNA
<213> Mus musculus

```
<220>
<221> misc_feature
<222> (1)...(356)
<223> n = A,T,C or G

<400> 300
ttgcctcctc actttcctgg gcattcctnc gagatctcct gcctctcaac cttngctagt       60
gctattctct gtgcctggga cgataccttt gactcatctt cgactgacct aatggagaga      120
gcttgggctt tggaggcaga gagacctggg ttcggatttt ggcttcacag cttattattt      180
ggacaagtcc tttggaaaag tatttaacat tctggagccc cagcttccta acctgtaaaa      240
atggagatga taacacctac cttgcagggt tgttgtaagg attaactgaa attatatatg      300
tatctaatgc aattaacata tagtcaataa atgacacgtc gctgtaaaaa aaaaaa         356


<210> 301
<211> 323
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(323)
<223> n = A,T,C or G

<400> 301
tgccaggccc actgctggan cctgtggagc cacacactgn gcaccttttt actggnccan       60
agattattng gccgggaatn tgggtcccct cnccnttcct tgataactgn nngnnagnag      120
cagnanaant ggagntttga tcacgaagan gatnangaaa gaggtatnca catggccctt      180
aggctaaagt cacacagcca gctcttgctg gctgtcaaag gctcttgatt ttctctcaga      240
gcattttatt tcactttgat ttgggggaaa caaaagtgga ggtacaatca atccttgctg      300
attgtgaagg tcaaaaaaaa aaa                                             323


<210> 302
<211> 317
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(317)
<223> n = A,T,C or G

<400> 302
gactgagtat tactgcgact atcaaaagta ggntgttgac atgggagaca cccgggcggg       60
caccaaggct ggattncatc acggcatgga atgagcctca ccaaggcttt tgaaaatgtc      120
cttccgnnct ggagagatgg ctcannggtt aagataaaca ccaacaactt ttccagaggt      180
cctganttca aatcccanta accacatggn ggctcacaac catntgnaat agggtctgat      240
gccttcttct ggtgtgtctg aagagagcaa tggtgtactc atatacatta aataaataaa      300
tcatttaaaa aaaagaa                                                    317


<210> 303
<211> 175
<212> DNA
<213> Mus musculus


<400> 303
gtagtagctg gcaaccctgt ggaccttggc gacctaatgc taacagctct gacagactag       60
tgctaacaac ttagcaacaa agcatcaaga agcctggggt ggcaggggat gggcctcccc      120
cctttataag agcagactct tagtaaactt tgggccatga ttggaaaaaa aaaaa          175


<210> 304
<211> 261
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(261)
<223> n = A,T,C or G

<400> 304
cttcttgtgg aaatctgaan ncacggacgg gnaacactgc ctggtctcca tancaggaac      60
tacagccagg tcctctgaaa gagcagccag tgctcttaac ccccaagcca tctctccagc     120
ctgagagtgc gtgttcttat catgagaaga caaacagcag tggagttggc aagctgcctc     180
agtgggtaaa ggtacttgct gcaaggcttg cagcctgatt tcgattccca gaacccagag     240
aatagaagtc cgaaaaccaa c                                                261


<210> 305
<211> 322
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(322)
<223> n = A,T,C or G

<400> 305
tccttctctt aggaggctng cttcactggg gccccctnag nnagggngtt gaaaccctct      60
gnaccccatt atttcntttn ncatncnctt tnatgcttct nttcggaaca gtcagcggna     120
gtngaaacct tnttccattn ggtcctcgtg gcaanggcag agattgctcc agcagctcca     180
cacagtatgc aagacatctt ttataattnt tgnttttttga aatgggggnct cactgnatag   240
ctttggctta cctgtaacat tctcttgctt ttacctcctg agtgctggga taaaaggcat     300
gnaccaccta tactcaagaa ta                                               322


<210> 306
<211> 201
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(201)
<223> n = A,T,C or G

<400> 306
actgagggca ggtgagatgg ctcagcannt ataacagntt gttgcacaag cctcaggacc      60
tgagttcaat tcccagaacc catggaaaag atggaaggag agagctgact tgacaaaact     120
gtcttctgac cactgtacac ggactggagc cacggactgc attgtacagg aaaataataa     180
caatttgtat gaaaaaaaaa a                                                201


<210> 307
<211> 200
<212> DNA
<213> Mus musculus

<400> 307
gttggatctc ctggaaacat gaatcacaga aaggtgtgag ctgccattcg ggtcccagga      60
actacagcca ggtcctctga aagagcagcc agtgctctta acccccaagc catctctcca     120
gcctgagagt gcgtgttctt atcatgagaa gacaaacagc agtggagttg gcaagctgcc     180
tcagtgggta aaggtacttg                                                  200


<210> 308
<211> 247
<212> DNA
<213> Mus musculus

<400> 308
```

```
gactgagaat gttggcttcc agagcgctga gcctgattgg caaagagagc catttctact       60
tcggtgtgcc ttcgagcaca tggtgagcag gactttcact cccttccctg cccttttctt      120
tctcctccct ttggttttc atgacagggt ttctctgcat ggctctggct gccttggagc        180
gcagagactt aacctgcctc tgactcccat gttctgggat taaagatgtg caccgcaaaa      240
aaaaaaa                                                                 247


<210> 309
<211> 185
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(185)
<223> n = A,T,C or G

<400> 309
agtttaactc tctggagacc ttcttgcaac aggagacaaa ggtggcagag ttgttatttt       60
ccagcgggaa caagagcacc cacatggcgg ctcacaacca tgagatctga cgctcttctg      120
gtgtgtctga anacagctac agngtactta catataataa taaataaatg tttaaaaaat      180
aaaaa                                                                   185


<210> 310
<211> 183
<212> DNA
<213> Mus musculus

<400> 310
ggacggtgtg gaaaacaaga acagagagat atgccaagga atgctgacca taatcagaag       60
ctaaaagagg caaagaacag tctctctcct agagcctcca gagggccctc aatatcttga      120
ttgcagactt ctgggctcca aaattttgag aagaataaat tcctcttgtt ttaaaaaaaa      180
aaa                                                                     183


<210> 311
<211> 601
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(601)
<223> n = A,T,C or G

<400> 311
actgagggag gagtacgtag tatcccntct ccntggtcng ctacctnntt gataggaant       60
ggnnntgann gntgattnca cctgncncnc tnantggggn aacctgngga gccanncacn      120
tgcnnctttc tactgnacca gagattattn ggnggnaatc gngtcccctc ccccttcctt      180
nataantgan gnagcancaa tnaaatttga gccttganca gaagntaaaa naacacttgn      240
tgctgangag ggactgtnnt ccantgaatg ccnangtcac agagtttaga aatgcgactt      300
tcagctcatt ccttccattg ttggacaagg atccctgcc ccaggacttc tctgtgaaga       360
tggctccact cttcaaggac ttcatgacca cctataaccg gacttatgaa tcaagggaag      420
aagcccagng gcgattgact gtctttgcaa gaaatatgat acgagcacag aagattcagg      480
ccctggaccg cggcacagct cagtatggga tcaccaagnt cagtgacctc acagaggagg      540
aattccacac catctacctg aatcccctct tacagangga gtctggcagg aagatgagtc      600
c                                                                       601


<210> 312
<211> 322
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
```

79

<222> (1)...(322)
<223> n = A,T,C or G

<400> 312
cagtgtggac ttcccacgca ctgcngatgg tgacctgnct ggcnctgtgc acnctnaact   60
gcnggaccat nactttnagc cantgaggcc tggngaaccc atnttcaagc ttttcancgg   120
agaanacgtn ctgtatgang gggactccat tgngtaccct gtgtgnatta ntgaggcnag   180
ccantnnnga acatncctcc atggcctntg catcagctcc tgctccctga cctgcttgag   240
ttccagtcct gacttccttt ggtgatgaac agcagcatgg aagtgtaagc cgaataaacc   300
ctttcctccc caaaaaaaaa aa   322

<210> 313
<211> 289
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(289)
<223> n = A,T,C or G

<400> 313
gagcctttgt tctctaggct caaggtgctc cagtgagtga gacaagcgag cgaaaaagca   60
gctccagaag gcctactcaa gaaaagaaga cctgggctgg tgagatggct cagtgggtaa   120
gagcacccga ctgctcttcc gaaggtccga agttcaaatc ccagcaacca catggnggct   180
cacaaccacc cataatgcga tctgatgccc tcttctggta gctctcttca cacagtgtac   240
ttacatataa taaataaata aataaataaa taaatcttaa aaaaaaaaa   289

<210> 314
<211> 313
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(313)
<223> n = A,T,C or G

<400> 314
gcagaggcct ggctgtctct gttggtacgn gccactgctg ctgattcctg tctgctgtcc   60
tgactctatg gacctggact gctggtgtac ccatgaagtg tttgtgagta gacggagctg   120
ccactgctga cctctaaacg aaactgccga tttccagaca acacaaatgg gagttgctcc   180
aaagaacctt tctaaacagg tccacttgcc ccatatcctt tctttgccac tacctctggt   240
agatggtggg ctaaaagatg ttaaaacatt taagaaccat cattaaaaat agatttaaaa   300
taattaaaat gac   313

<210> 315
<211> 441
<212> DNA
<213> Mus musculus

<400> 315
atggagcaac tatccgatga agagattgac catggtgctg acaaggaaga tcaggacctg   60
gataaaatgt ttggggcctg gcttggagaa tccagctcca gcattaaatc cggatccagt   120
tcttccagta tcccggagtc tcagtcaaac cactctaatc agtctgacag cggagtgtct   180
gacaccctgc caactggaca tatccgttcc caaagtaccg tgagctccat cttctcggaa   240
gcctggaagc gaggcactca gctggaagag tccagcaaga ggaccagagt tcaattccca   300
gcaccctcgt cgggcaactc aaaaccacct ataactccag ctccaaagga tccaatgtcc   360
tcttctggcc tccaaggcac ctgaacatgt gtggcataca tacacttaaa taaataaaag   420
tagattttta aagaaaaaaa a   441

<210> 316
<211> 294

```
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(294)
<223> n = A,T,C or G

<400> 316
gctgccatgg cgtcacgcat cgggctgcgc atgcagctca tgcgggagca ggcccagcag       60
gaggagcagc tgagagcgca tgcagcagca ggctgtcatg cattatatgc aacagcagca      120
gcagcagcag cagcagctgg gtgggccccc caccccagcc ntcaccnccc ctgtacaccc      180
cnanacntnc ctntntgngc ctntnggctt ctctgtgctn ngtgaccccc aaatgatggg      240
aaacagtttt cttgtttaaa gaacagtaaa gccattctat atacaaaaaa aggg            294


<210> 317
<211> 219
<212> DNA
<213> Mus musculus

<400> 317
cccaagtcct gccttcatgc caccatgctc cccactatga taagtggact acacctatga       60
aaatgtgagc aagccccagt aaaatgtctt ctttggttgt ggctcataat catctgtaat      120
gggatatgat ggactcttct ggtgtgtctg gggacagcaa caatgtactc atacaatcaa      180
tcaatcaatc aatcaataaa taaataaatg cagattcag                             219


<210> 318
<211> 449
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(449)
<223> n = A,T,C or G

<400> 318
aactgggaaa cgtaggtctg aatggagatg ggctgcagac cgagcagcta ttgtcagccc       60
gctggaactg gcttcaggcc catgtttctg acttggaata tcgaattcgt cagcaaacag      120
atatttacaa acagatacgt gctaataaga tatttgtgct tggaatatag cctggatcat      180
ctgcaagagc agtaattgca cttaacccct gagccgtctc tccacactgc atgctgtgtt      240
ttaaactgtt agtatggggc tggtgaggta atttagtggg ttagcgtgct tgctgccaac      300
caagcatgat gacccaaatt gaatcttcag gacttccatg ggtggaaagt gactcatgtg      360
agttgncctc tggtgtactt atangcatgg ggcgtgcaca tgccnacata aataaaggga      420
aaataaaatt taatcttttc ctatcttac                                       449


<210> 319
<211> 424
<212> DNA
<213> Mus musculus

<400> 319
tgaatcgacc agttttgaga ggagaagatg gggacaaagc ggctcctcct cctatgtcac       60
gcacagctgt ctgggattcc tatgccacca ccacctatgg gacttccccc tctacagcct      120
cctccaccac ctccaccacc tccaccaggc cttggccttg gctttcctat ggctcaccca      180
ccaaatctgg ggcccccacc acctcttcga gtgggtgagc ctgtggcgct gtcagaagaa      240
gaacggctga agctggcaca gcagcaggca gctttgctga tgcagcaaga ggagcgtgcc      300
aagcaggcag ctgtgttaat ggagcaggaa cggcagcagg agatcgccaa gatgggcact      360
gcagtccctc ggccgcctca ggatatgggg cagctgggtg tccgtactcc tctggggcct      420
cgcg                                                                   424


<210> 320
<211> 558
```

81

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(558)
<223> n = A,T,C or G

<400> 320
tgagcatctt gccaaagtcc aggcactccc tacacccagg gacagctcca gagaagcaac   60
ctccagatgc tccaacctcc tgggncggnc ncagacactt caactggact tgttccttct   120
gatctatcca cagaccctgg acagcaagga aagagccaac tcctaagact gaacaaactc   180
ccccatatcc attcttctag gttccctaga gacacatggc cccaaagcca gcaggaagtn   240
ggcagatatc acaatgaccc tatttctgct tcaccatcac ccctttctaa tcttttcctt   300
tttaattctg gctaagctcc gccccacagt tacctggcaa caggcaggtg tgcctgaccc   360
actataaaaa ggggccgctt gcccctcct ccctgtcttg ctcctctctt gctctcttgc   420
tttctgctac ccttcccccc accccccacc cccaanc ccc gngctcatgg tcaagcctct   480
tctctacttc tctctctntc tctctccctn tntctgnctt tctttgctnt actaccctct   540
aaactcccat ccccatgt   558

<210> 321
<211> 489
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(489)
<223> n = A,T,C or G

<400> 321
gactgagggc ccacctgtct ggaaatggat cgttcttact gaacttcgca ggctgcgcag   60
tgtgcagtaa gcgggacttt atgctgatca caaacagatc cctgaaagag gaagatggag   120
aagaaatagt tacctatgac catctgtgta agaactgtca tcatgtagta gccagacacc   180
gagtatacat tcagcatcat ggatgaattt caggaatata ccatgctgtg tctgttgtgt   240
ggcaaagctg aagatactat cagtattctc cctgatgacc cccggcagat gactctgctg   300
ttctaagcct cccgtggttc tcttgtaact gtgttggctt ggtttaaaat agagcaagcc   360
tagggctgga gagatggctc agtgggtaag agcacccgac tgctcttccg aaggtccgaa   420
gttcaaatcc cagcaaccac atggnggctc acaaccatct gtaacaagat ctgactcctt   480
cttctggag   489

<210> 322
<211> 448
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(448)
<223> n = A,T,C or G

<400> 322
tgaggagctg gtgagatggc tcagcagtta aaagcactga ctgctcttct gaaagtcctg   60
agttcaaatc ccagcaagca catggtggct cacaaccatc tgtaatgaga tctgacacac   120
tcttgtggtg tgtctgaaga cagctacact gtacttattt gtaatcataa ataaatcctg   180
ggccggccgg agctagtgga gtgtaccaga gcgagcagaa gtcctaaatt caattcccag   240
caagctgatg aagcttcggt acagctacag tatgtactca tctacataaa ataaatgatt   300
aaattcttaa aataaataaa taaatctgat tctattatna aaatttgcta ctacagntta   360
aacttctaat ggactctnga tcttagtgcc ttattgggat aaatactttg cacagatttt   420
tntncctttg gnagctatgt ctcatttc   448

<210> 323
<211> 360

82

<212> DNA
<213> Mus musculus

<400> 323
gtggacatcg aggccctgtg ggtggcccta cagcgtggaa gggatgaccg agctttggga   60
catgtcctgg aaacctaagg tgctggagct agaagagact tgatagcact tcagagacca   120
tcaggctgtt tcgtggaact tccaccaaag agatgcagaa atggagactc cagagctgga   180
gagagagaga tgactcaact gttaaaagca ctgactgctc ttccagaggt cctgagttca   240
attcccagca accacatggt ggctcacaat tatctgtaat ggggatctga tgccctcctc   300
tggtgtgtct gaagacagtg atggtgtact gacatatatg aagtaaataa gtaaattaat   360

<210> 324
<211> 530
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(530)
<223> n = A,T,C or G

<400> 324
atctgaggac cccggcgaga cgcagnggcc gccaagagct tcatcttgga catgtatgcg   60
cgcgtgtacg cgagctgcgc agagccccag gacggtggca ggaaaggctc ccgcgcgcgc   120
cgcttcttcg cacacttcac ctgtgccacg gacacgcaaa gcgtccgcag cgtgttcaag   180
gacgtgcggg actcggtgct ggcccggtac ctggacgaga tcaacctgct gtgacgcgggg   240
acagggaacc ccaagcgcga cgcggtcgtg gcgaggacat acctccccct ggtggccgcg   300
cgtggaactg caggtccagg agctgccaag tggggaagcc agcccacagg gagagagtcc   360
ctgcttccta ctgggccccc aagcccagct cccctgtaat ttattccctc gcccttcttc   420
tagtttgttg gagaaaggac atgagccggg tctttaaccc cagcgctccg gaggcagagg   480
caggaggatt ttctgtgagt tccaggacca tgttttcaaa aacaaacaaa   530

<210> 325
<211> 350
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(350)
<223> n = A,T,C or G

<400> 325
agactgaggc tgtttccctt gcaatttgtg cagttgtttg tgcatgatga gagccgncag   60
cagctcaagg tcaagttccg aactggccgc gccttctact tgcaactgcg ctctcctnca   120
gagacccgcg actgcgagtt tgnccgctgg ntgcggntgc tctaccgcct gcgattccac   180
tcgcccacct gcgcagtgcc cttcacgcac gaggacactg ctgcctgang aagaggagga   240
ggaggaggng gaggagggtc anaantcagg cgagatgagg gaggacagcc ctcagtggca   300
tcacagggtc aggatggngg ctgtttacac agngctttct gctttccagg   350

<210> 326
<211> 315
<212> DNA
<213> Mus musculus

<400> 326
cccctccaa ggaaacagcc cacctggaaa cctcctcctt ggaatggtgt agcctcccat   60
aagcctgaag caggctgagc caggcttgac tttgttgcca ctaaggagat cacctggggt   120
ggagcctgcc tccctggatc actctattgt tctgccactg ccactgctgc cacctgctgc   180
ctagctgttc tggagcctac acgtggtcac ttgcagctgg gctccaagaa tgatttggcc   240
gggaatgggc tttcccctct cctttataaa gcgtgtccgc cattaaaaat ttgaaccttg   300
atcagaaaaa aaaaa   315

```
<210> 327
<211> 422
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(422)
<223> n = A,T,C or G

<400> 327
gaactgagga agaagatgag cctgaagtcc naacgcaggg gaattcatgt ggatcaatnt      60
gagctcctgt gcaagaaagg atgcggttac tacggcaacc ctgcctggca gggtttntgc     120
tccaagngct ggagggagga gtaccacaag gcccggcccg aggcagatcc aagaggactg     180
ggaactggca gaacggatat ttgatcacac tgtgaacctc angattgggn tatttactga     240
aantaactgg tgggctggca agatggctca ccctgtaana gtactgatcg ntctttctga     300
acatcctgag ttcaaagccc ttgcaaccac ccgtaatgag atctgacgcc ctcttctgga     360
gtgtcagaaa acagctgnag ngnacttatg tataataatt aaaaaaattt taaaaaaaaa     420
aa                                                                    422


<210> 328
<211> 294
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(294)
<223> n = A,T,C or G

<400> 328
tgaggtgggg tctttcattg tcagcgctca tttccctgct gnaagcttgg cgnagccggn      60
nanagctgcg gggtgaacat tgagaggnac cggcatagca tccgctccgg ctcctcacgg     120
agaagatggc cgagggcgag cggcagccgc cgccaggtcc ggagttcaaa tcccagcaac     180
cacatggtgg ctcacaacca tctgtaacaa gatctgacgc cctcttctgg agtgtctgaa     240
gacagctaca gtgtacttac atataataaa taaataaatc tttaaaaaaa aaaa           294


<210> 329
<211> 460
<212> DNA
<213> Mus musculus

<400> 329
aactgaggct ggcattgaac ttgctatgta gctgagatgg ccatgaactc atgatcttct      60
tgcctcttcc tcccaagtgc ctgggttaca ggcctgtgct actatgccca gtttgtgtag     120
tgctgaaggt caaattcagc atttccccgc ccgagaggct agcactgtgc caactgattt     180
gcatcgccag ccacaaagtg aagctggagc cctgcgtcag aagtctagtt ttataggcaa     240
ctgtcctgtg atgtcagcgg tgcagcgcgt gtgccacctt atttagctaa gcagatcgtg     300
tacttcattg ggatgctgaa ggagatgaat gggcttcgag tgaatgtggc agttaaacat     360
accttcattt tttggacttg catatttagc tgtttgaaca gagttgtttc ctttctgaat     420
ttcaaagata agactgctgc agccccatca caatatccag                           460


<210> 330
<211> 495
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(495)
<223> n = A,T,C or G

<400> 330
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aactgaggtg aagcatggct aaaagcctgc ggagtaagtg gaagaggaag atgcgggccg    60
agaagagaaa gaagaatgcg ccaagggagc tcaacagact gaagagtatc ctcagagtgg   120
acggggatgc tctaatgaaa gacgttgagg agatagcaac cgtggtggta gccaaacctc   180
gccaggagaa aatgcagtgt gaggaagggc nggtgtgacg gcgcagatga ggaaaaggat   240
gacatgaaaa tggaaactga aattaagaga aacagaaaga ctcttctaga ccagcatggc   300
cagtacccag tgtggatgaa ccagaggcaa agaaaaagac tgaaggccaa gagagaaaag   360
aaacgaggga aaagcagagc aaaggccgcg aagggcctgg cctggtagac cttaaagact   420
ggcaagggag acaggcgtgg tggtgcaccc ctttcatccc agcactcaag aggtggaggc   480
aggtggatct ctgtg                                                    495

<210> 331
<211> 445
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(445)
<223> n = A,T,C or G

<400> 331
gttgatggga acaaacacag agacccacag ctgcacantg tgcagagact gagaaacctt    60
ggaactcgca gncctaaatg ggatgtgtcc atnagatntc tcntgctann gactcaggga   120
actctggcag aaagactgta ggagccaacg agnatgaana ctgccacacc acctccngtn   180
agatctgngt gacangttcc acagactgag gcgattgacc tcaaaagggg gaggcctcat   240
ggacccagtt gtggaactct tcggcggagg aaaaatattg agccgtagnt ctcatggcaa   300
tatatctgtt ttgnttnctn ttattccttt tcttatttac atgtncctgg nagctgaggc   360
caaggtctta agcgagaata atgggtanta aaccatccnt anagatgggg ccactancat   420
gancttctnc ccagggaatc aaagc                                         445

<210> 332
<211> 382
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(382)
<223> n = A,T,C or G

<400> 332
actgagccta aattgtatag atctgtgatt gaagatgtta ttaatgacgt acgagnacat    60
ttttctggat gacggagtgg atgaacaagt cctgatggaa ctaaaaactt tgtgggagaa   120
taaactaatg cagtctaggg cagtagatgg atttcattca gaagaacagc agcttttgtt   180
gcaagttcag cagcagcatc aaccccagca gcagcagcat caccaccacc accaccagca   240
ccagcaagcg caacctcagc aaacggtacc tcagcaagca cagacccagc aggtcctcat   300
tcctgcatcc cagcaaggtg agaaggctgg aggtccctgt tgtgccttac aagttacact   360
tgtcttttga aagtaaaaaa aa                                            382

<210> 333
<211> 382
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(382)
<223> n = A,T,C or G

<400> 333
tcatctacaa ccacatcacc ttctncatca tgatcctcta cctnactgaa gctgantcca    60
cagtgctgcc tgatccaana ttgtcatcgg aggaggctga accgtttcac cccntgcggg   120
nganactccc aggcngnact catcgtanct ggnaccccat cggggatatg ccaaacacac   180
```

```
tggcagttct cctcaaacgt gacaccagca gncttcaccc agcannaaga ccaagcagcg        240
ccactccaga acgcagagcc ccctccaggc cttctcccag attacctgat tttgattnaa        300
ctttgggaag gggnatctgt ctaaaanaaa atcntccatt tcatctagat tttccagttt        360
tggcnaatat aggcttttat aa                                                 382


<210> 334
<211> 222
<212> DNA
<213> Mus musculus


<400> 334
cgggcagcga tgatgtgacg aacgcagggt attctgcagc caattctaat tcaattttcg         60
ccaactccac gggtttctct gtagccctgg ctgtcctgga actcactttg tagaccaggc        120
tggccttgaa ctcagaaatc tgcctgcctc tgcctcccga gtgctgggat taaaggcgtg        180
ccgccatcac gccagcaaat aaataaatct taaaaaaaaa aa                           222


<210> 335
<211> 100
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G


<400> 335
ggaactcact gcgtanatng ggctggcctt aaactcactg anattngtct ttntcctgcc         60
tgctgaaatt aaagtngngc gtcaccctga aaaaaaaaaa                              100


<210> 336
<211> 100
<212> DNA
<213> Mus musculus


<400> 336
tgaacaagaa gatgtccacg tccaagagga aagccaggat gggcaagagg aagaagtcac         60
ctgttgaaga tgttggacag agagagtcag aaaaaaaaaa                              100


<210> 337
<211> 483
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(483)
<223> n = A,T,C or G


<400> 337
actcctctga gagacttgca gcagttggat ttagccgggg caccgtgtga gcagtgacgg         60
atggctttac ttcatgaatg tgtttgagaa tctgaagcag ttagtgtttt ttgactttag        120
cactgaggag ttcttaccgg atgcagcact ggtgaggaaa cttagtcaag tgttatccaa        180
gttaactctt ctgcaagagg taaagctcac gggctgggag tttgatgact atgatattag        240
cgctattaaa ggcaccttta aactagngac tgcttaatgc acctgtgcca ccaaatactc        300
caggactccc tcacttccag caaatcatta aaagctacgc agaagtgggg ccacagagct        360
ggctcagagg ttaagagcac tggctgctct tccagaggac ctgggattga ttcgcaccac        420
ctacaaggtg gctcacaacc atctgtaact ccagttccag ggggatccaa cattttctga        480
tct                                                                      483


<210> 338
<211> 406
<212> DNA
```

86

<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(406)
<223> n = A,T,C or G

<400> 338
```
gattcttcga cttcacatcc acagctgccc attgttgggt tagctggact acaaattggc    60
actgtctcca gtccgctgtc ccttcctaac agaggcacct gttcctggtg gcacagttcc   120
tggtggcatt cagagtgcca gggaaagcaa caggaggagg aagaggggag caggtctgag   180
aagcagaagc gcatctggtg gtgaccatcg ctaggaagag aaggaggcaa ggatcggncc   240
aggagaaatg atgtccaaag tcaaacnagt catacaagat ctcactgtgg agaaagacaa   300
aggnggggag gcctccagac ncagtgaaga anaatcccac cttctggaaa gaggnanaga   360
ccaagaatcc tggaggttat gtcaaangga aagtcaggcc gacttg                  406
```

<210> 339
<211> 253
<212> DNA
<213> Mus musculus

<400> 339
```
tttgagccct gaggcctggt gaacccatct tcaagctttt cagcggagaa gacgtactgt    60
atgagggga ctccattgtg taccctgtgt tcattaatga ggcaagccag taaagaacat   120
ccctccatgg cctctgcatc agctcctgct ccctgacctg cttgagttcc agtcctgact   180
tcctttggtg atgaacagca gcatggaagt gtaagccgaa taaaccctt cctccccaac   240
ttaaaaaaaa aaa                                                      253
```

<210> 340
<211> 379
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(379)
<223> n = A,T,C or G

<400> 340
```
tgagtggcag cccagcagca gcagcagcag cagtgggagc aggaacagca gtaacaacag    60
caacagcagc acagccgcct cagagctttg gctcctgagc ccctgtgggg ctgaaggcat   120
tgcaggtagc ccatggtctc agaagaagtg tgcagatggg attaccgtcc acgtggagat   180
atggaagagg accaggatt ggcactgtga ccatggtcag ctggggggcgc ttcatctgcc   240
tggtcttggt caccatggca accttgtccc tggcccggcc ctccttcagt ttagttgagg   300
ataccacttt agaaccagaa gatgccatct catntggaga tgattgagga cgacacagat   360
agctccgaag acgttgtca                                                379
```

<210> 341
<211> 303
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(303)
<223> n = A,T,C or G

<400> 341
```
tatgctagtc actctcctaa ctgtaaatca acactaagag cactagaagg ttaaaggtca    60
aggagactct cacaaaggat ccaggaatct ccagattgat ttccagaatg gttgaccagt   120
ttgcaattcc acaagcaatg gaggagtggt cctctttctc cacatcctgg ccagcaagtg   180
ctngtcacct gagtttttga tcttanccat tctgattggn ggaaggtgga atctcantgt   240
tgctttgatt tatattttc tngatcacta aagactttga acatttcttt tgaaaaaaaa   300
```

aaa   303

<210> 342
<211> 376
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(376)
<223> n = A,T,C or G

<400> 342
gactgagtac cgttccccag ctgaagagtt ctgaatccac gccggatcct tctcaacagt   60
ctgtttacg ggaaccttta ttaaccactc cttccccgtg atgcagttct gaatcctccc   120
tgtagcaggg ggtcttcgct cgtgcctgaa agatgtttct tgtcccgggt ctcagcacca   180
cttgttgcac gcgcccccaa ctcgccagca agaacgacgc tgctacagga tccttctgca   240
cacgtttatt cagtcctatt tctttcttgt ntatatctcc cttgtttata tctcccctgn   300
ttatatcttc cttgtttata tctcccaata ataacaatcc tctctcgaat aataatcctc   360
cctctaagaa aagaaa   376

<210> 343
<211> 440
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(440)
<223> n = A,T,C or G

<400> 343
tatctcacac cacagctatg caatacctag gaanangata ctgatcgcct ggaactangg   60
aaacaagtgc ganagntnng ctnanngtaa atntacttan gnctanagga nccctcgggc   120
gagctatacc tggactcctt ggtggngatg acagacgaca ggctgattgg ntgctagcca   180
ggaccacnct tctccttgtg ctggttctnc tccaaactgc nacttaatgc acctgcaatg   240
aaaanggccc cacaccagta accagatgct gcantgagcc gntttatttt gctattacaa   300
ctgggcanat nagacaattt taagccangt ggnggngatn tatgtctttg attctagcac   360
tcaggaggca gaggcaggtg gatctattga gttagaggcc agcctggtct atagagtgag   420
ttccaggaca gtcctgtgtt   440

<210> 344
<211> 428
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(428)
<223> n = A,T,C or G

<400> 344
ttgctagggg tggagcttcc tgctcattcg ttctaccgcg cnnactggtg gancctgagg   60
agccacacac gtncaccttt gtnctggann aganattatt cangagggaa tcgggncccc   120
tcccccttcc ttnataanna gttgncctnn cannngantn nganccttga tcagantact   180
nacanaaaga aagactgntn gnnnaaaaat ggctgttacc ttgagaagaa ttttggatgc   240
ccaggctggt gaanaaggga ctgacantgg accatcttcc tagaactccc anctaaatac   300
ttnaggacac atcttntgga atgnatttna cttttgaggg ggagggagaa attgacttat   360
tgattcctaa attctttgca ggatcagaan gncngccttt gttacagagt naacacagaa   420
ccaacact   428

<210> 345
<211> 325

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(325)
<223> n = A,T,C or G

<400> 345
gactgagatt gacaattgcc tttttttgcac tctctgggct ggatatgctg gactccttgg   60
atgtggtgaa caaagacgat ataatagagt ggatctactc cctgcaggtt cttcccacag   120
aagacagtga actanataat nnggtgcttg ctcanagnna tnnattgnat ggatnncacn   180
accnnnaatg gnggagccan agaaagnagc caangngctg aaggngtctg cntccctata   240
ggtcnaacag anagtgcnaa ctaaccanta cccncanagc tngtgtatct agctgnatat   300
gtancaaang atggcctagt cggcc   325

<210> 346
<211> 391
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(391)
<223> n = A,T,C or G

<400> 346
agactgccct ttggtattca aacgggagcc gctttggact gactggctgc cttcctcctc   60
ctcccccctcc tcccccttct gcttcagatt tatttattat atgtaagtac actgtagcag   120
ttgtaggaca cactanacga gggcaccaga tctcattgtg ggnggttgag tacnnccnng   180
catngcngnt agggncgatn ggnactcagg gataanannn ntgactagct cttggctntn   240
anccggaana tacantatgt gcnggctant gcacttcata tattaaggca atgaatgatc   300
cnntcatggn acgacagtct gccctccctc cttttttgagc cattttccct ctttcaccat   360
atactcaata aaataagtaa atgaaaaaaa a   391

<210> 347
<211> 294
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(294)
<223> n = A,T,C or G

<400> 347
gactgaggat aacgcgtatg gagtgaaact cccncctgca gggttgcctg ttagcttcct   60
gaggtctcag cggagatatg gactgtggga gtgacacttc anggactggg aggctgtggc   120
cttgctggca gaagtgcatc acagggacag gcccagtagt ttctctccag tctcctctcc   180
agcactactt ccgtcttcct gccacaatgt tccctgaaat gaagataatg aactgaacct   240
tagaaattgt aagccagccc caattaaatg tttccatttta tttaaaaaaa aaaa   294

<210> 348
<211> 432
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(432)
<223> n = A,T,C or G

<400> 348

```
actgaggtga tgtacaactt tttgacctcc agaaaagctc acagcaaacc cacagtttct      60
ataacacaaa cccaagatgg aagtcctgtc tactgtctcg agtttaacag ccagcagaca     120
cagctcttag ccgctggtga tgctaagggc atggtcaaag tgtggcagct gagcacagcc     180
ttnacagaac aagggccccg ggaggtggag gacttggatc agntanaanc agaaatcact     240
acctgagggc tggtgagatg gctcagcggg taagagcact gactactctt ctgaaggtcc     300
tgagttcaaa tcccagcaac cacatggtgg ctcacaacca accgtaatga gatctgatgc     360
cctcttctgg tgtgnttgaa gacagctaca gtgtacttac atataataaa taaatctttt     420
taaaaaaaaa aa                                                          432
```

<210> 349
<211> 462
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(462)
<223> n = A,T,C or G

<400> 349
```
cctttattaa ccgctccttn ccangatgca gntntgaatc ctccctgtaa nnataggggt      60
ctttgctcgt gcctgaagat gttncttgtc ccgggtttcn gcaccacttn ttgcgcgcgc     120
tcgactggcc angaagaacg acgcttcaac aggatccttn tgcncactgt ttattgngag     180
agcttnattg tanaggcnaa aagactttt gcccagagct ggcgctgctt ttataggcct      240
aggagaggcg tgnctcatac cctgattggn tatgcactaa gcctcatttg catgttcctc     300
atctgattgg ctactctctc tcagtacctc acagagcctc attatcatat cncattngna     360
tgtctcacat ccaattggct actntattag naccttacag aanctgatta tcatgcctgg     420
gccaagcagt gtttttgcaa aannctttc ctgcatatgt at                         462
```

<210> 350
<211> 335
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(335)
<223> n = A,T,C or G

<400> 350
```
aagagcccac tcccacccgc tcaacacaac cctccacatc agcatgttcg aagtggtcca      60
agagcactcc aacaggagt ctgacttgtt ctttttggat cttcagacag ctccgatctg      120
gggacgaggg ctggctggtg ctggacatca cagcagccag tgaccgatgg ctgctgaacc     180
atcacaagga cctgggactc cgnctctatg tggaaccgc ggatgggagg gagatgtagt       240
ctccctccc ccagcctgna acctngcttg ctcggggngg agcttnctgc tnattcgttc       300
tgncacgccc actgctggaa cctgaggagc cacac                                 335
```

<210> 351
<211> 262
<212> DNA
<213> Mus musculus

<400> 351
```
agatgggccg agagctgggg ggtgcgccca gacgcctcgc cagccaccag tctgagttgg      60
tctttcgaag cagtaggaac ctgtcacctt cagccagaga cacctgccgg ccatctgccc     120
cagtgtcctg agttcaaatc ccagcaacca catgatgact cacaaccacc tgtaatgaga     180
tctgatgcac tcttctggca catctgaaga cagctacaat gtacttacat ataataaata     240
gataaatatt gaaaaaaaaa aa                                               262
```

<210> 352
<211> 161
<212> DNA
<213> Mus musculus

<400> 352
tggcccaacc aaagtctttt ggataaagca ccacaatgga caatgtaagg aaggcagcca   60
aacgcttacg cttcccaagg cacagatctt tcccagcatg ggaaagatcc tccctccctc   120
cctccctccc tccctccttc caccatacac tttattaaaa t   161

<210> 353
<211> 526
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(526)
<223> n = A,T,C or G

<400> 353
gactgagtgg ataatcttcc tgtcctacac ctgaccaagg catcccctaa aagccccagg   60
gaggctggac catggtacaa gaactgcctt catccatcac cgtgagcaag tgtggaagag   120
atgcatcaat gtttggnnag ncatagccca cttntggctt accataggcc atgngctacc   180
gancctgntt ngggcatctn ttgaatggct gcttattgca gtntgtgcct tcatattncc   240
acaaancata ttatcgnnat ccattttat ngtaaaactc aagggtgtac canaaaccta   300
atttatccct aatagctngg cttgattta caaacctgct ntcagcaccg acctcatttg   360
cttttatctg aagctcagga aagttaggaa aaggntgaat tgattcgtta atatgtagga   420
catgtanccg ggcgtggtgg ctcacgcctt taatcccagc actccanagg cagaggcggn   480
cggattnctg agttcnaggc cagcctggtc tacagagtga gttcca   526

<210> 354
<211> 311
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(311)
<223> n = A,T,C or G

<400> 354
gcccaagtgg atgcagganc ccgggcagcc agaangggtt ggtatctcct ggaancatga   60
atnacataaa ggtgtgagcn gccatncngg ncccagganc tacagccagg tcctctgaaa   120
gagcngacnn tgctnttaac ccccaagcca tntntccagn ctgagagtgc tgnnntctta   180
tcatganaag acaaacagca gtggagttgg caagctgcct cagtgggtaa aggtacttgc   240
tgccaaggct tgcagcctga tttcgattcc cagaacccag agaatagaag tcgaaaacca   300
aaagaaaaaa a   311

<210> 355
<211> 212
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(212)
<223> n = A,T,C or G

<400> 355
tgaggtgacc cgaatggagc tgtggcccgg ggccnggacg gcgctgctgc tgctgctgct   60
cctgctgctg nccaccctgt ggttctgcag ctccagtgcc aagtatttct ttaagatggc   120
cttctacaac ggctggatcc tcttcctggc gatcctcgca atccccgtgt gtgctgtgcg   180
agggcgcaat gtcgagaaca tgaaaaaaaa aa   212

<210> 356
<211> 233
<212> DNA

91

<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(233)
<223> n = A,T,C or G

<400> 356
tgaggcattt tgtgaaagaa ggaagatcct gtctgctgca tggataatgg actggaacac   60
agaaagacca tgcagggttc ggctgtagaa ggccggtatc tccanaggcc agaagacacc   120
atcagatctc ctgngactgg agttatagag gttgtgagct gccatgttga accaancagg   180
tnactgaggg acacaggcat gtggatggaa accctgctgg agaaaaaaa aaa   233

<210> 357
<211> 225
<212> DNA
<213> Mus musculus

<400> 357
agagttctga atccacgcca gatccttctc aacagtctgt tttacgggaa cactttatta   60
accgctcctt cccagtgatg cagttctgaa tcctccctgt agcagggggt cttcgctcat   120
gcctgaagat gtttcttgtc ccgggtttcg gcaccacttc ttgcgcgcgc ccaactggcc   180
aggaagaacg acgctgcaac aggatccttc tgcacaaaaa aaaaa   225

<210> 358
<211> 305
<212> DNA
<213> Mus musculus

<400> 358
aaggcattc agatctggga gaagtggccc cagaagtaaa accttcagac agccaaacat   60
ctgtggcaat tgcagatttg gaatggagag aaatggaagg agatgactgc gggttccatt   120
atggagatgg tacaaacgag gctcaggaca atgacttccc cacaggtcct gagttcagaa   180
atcctggcaa ccacatggtg gctcacaacc atccttaatg agatctgacg ccctcttctg   240
gtgcatctga agacagctac agtgtactta gatataatag taaataaatt atttaaaaaa   300
aaaaa   305

<210> 359
<211> 273
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(273)
<223> n = A,T,C or G

<400> 359
actgagtgca tggagctgtt tgagaagaca gaggatgtgc ccttgttgga ggagatgtgt   60
ccctggggga aggtcttgaa acttcaaatg cccactcact ccattctcag cacctctctt   120
cctcatgtct atgaatcagg atgggaagtt ctcagctact gctctagcat catacctgcc   180
tgccagatgc cgtgctccct gccatggatg gtcatgaact caccctttaa aactgnaagc   240
cctcaataaa gtctttcttc tacaaaaaaa aaa   273

<210> 360
<211> 231
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(231)
<223> n = A,T,C or G

<400> 360

```
tgcaggctgg ttagaatgaa caggacacgc ccacacccac agtactgtac cttnatattc          60
tcgccatcca gaaggtctat gaagccatca tcctcatcgg acaaagtggc ttttacaggg         120
tttcttcctg gagccgtgac tgtcctggac ctcagtctgt acaccatgct gcccttgncc         180
acctgcctgt ctcccaagtg ctgggattaa agatgtgcaa cccccacaaa t                 231
```

<210> 361
<211> 231
<212> DNA
<213> Mus musculus

<400> 361

```
agcatgaaat cgggcagcga tgatgtgacg aacgcagggt attctgcagc caattctaat          60
tcaattttcg ccaactccac gggtttctct gtagccctgg ctgtcctgga actcactttg         120
tagaccaggc tggccttgaa ctcagaaatc tgcctgcctc tgcctcccga gtgctgggat         180
taaaggcgtg cgccatcacg ccagcaaata aataaatctt aaaaaaaaaa a                 231
```

<210> 362
<211> 460
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(460)
<223> n = A,T,C or G

<400> 362

```
tcggctttgg gatgggttgc gacggaggca ccatccccaa naggcacgag ctggtgaagg          60
ggccgaanaa ggtcgagaag gaggccagaa gaaagcatcg gaccccgggg agctggagct         120
acaggttttt gtgagccatt aatcttggct gttagaacca aattcggatc ctttggaaga         180
gcagtacaca ggcttaacca cggagccatc tntccagcct gaactttgtg tattaaagtc         240
tccccaaacc attccccctt gtgaagtcac acccttntta aactatatna gctcttagca         300
ctctgaattg gtggttgagc ccagctgatg gtcacgtgac tgcaagctcc tcctggtgaa         360
ctctgtgcac tgntttttctt ncagaactag cacagttctt gccacagtga atatttttga        420
ataaatgcgt gggcnttctg taaatcttac aaaaaaaaaa                               460
```

<210> 363
<211> 100
<212> DNA
<213> Mus musculus

<400> 363

```
cctcattggc tctagtggct cctccccgag ccggaccagc ccggagtccc tctacagtga          60
cagctccaat ggcagcttcc agtccctgac tcaaggttgt                               100
```

<210> 364
<211> 266
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(266)
<223> n = A,T,C or G

<400> 364

```
tattgattct gcctcccaac aagacaanct gaggaagtga tgagccacgn agccgnngac          60
ccttanagtt ttagatgngc ggatcccttc atgtatactt tacagaaaac catgntaagc         120
cgggcgtggt ggcgcacgcc tttagnccca ncactctgga ggcagaggca ggcggatttc         180
tacaaagtga ggccagnctg gtctacaaag ngagttccag dacagcccca gggctataca         240
gagaaaccct gtctcaaaaa aaaaaa                                              266
```

```
<210> 365
<211> 520
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(520)
<223> n = A,T,C or G

<400> 365
tgacgggaat ttgaacccc atggccccga tgacagcatc attgtacttg atgatgacga        60
tgaagatgaa gctggtgntc aaccagggcc ctccaaccta cccccaatc ctgcctcaac       120
aggacctggt cctggcctgt ctcaacaggc cactggtctc tccgagcccc gtgtggatgg      180
agggagcagt aactccggta gtaggaagtg ctacaagttg gataatgaga agctctttga      240
agaggtaagc ttttgagata aaagggtcgc cctttgtggc ccatgctggc cttgaactca      300
cagagctttt acttgcctca gcctcctgac agctaggatt aaaaatgtga accactgggc      360
aggagagatg gttcagcggt taagagcatt gagcatccag aagtcctgag ttcaattacc      420
accaaccaca tgatggcgtg gctcacagcc gtctgtaata ggatcttgat gccctcttct      480
ggtgtatctg aagacagcta cagtgtactc atatatagaa                           520


<210> 366
<211> 346
<212> DNA
<213> Mus musculus

<400> 366
caggcggtgc taaattttgt ctgttacagc ctcggccatt agaagctggg gcaagctttt        60
ctgcctactt aactctgatt ttatttattt gttatatgta agtacactgt agctgtcttc       120
agacactcca gaagagggag tcagatctca ttacagatgg ttgtgagcca ccatgtggtt      180
gctggggatt tgaactctgg accttcggaa gaacagtcgg gtgctcttac ccactgagcc      240
atctcaccag ccccatatat gtcatttttc tgttcccaca ttctctgtaa gattattgtc      300
ataagttaaa atctgaatta aagcatttga atgtcaaaaa aaaaaa                     346


<210> 367
<211> 487
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(487)
<223> n = A,T,C or G

<400> 367
ctgaggttga gaacatttcc aagctctgac tacaacatta aacctcagaa tggaagagat        60
gggaagtcgc atcgaggact tacagagaaa cgtggatgac ctcatgactc aggccgggat       120
cgagaattct atcaaagaac cagcgacctg aaatgttaa acngagtcac gtgggattgc        180
taaaacaaaa actacaccat acgtctgagt aataataatc tatgcagtat gaattntgat       240
gttcatttaa attttttttg gacacttaaa attaaaccca gggcctaaac tataggcaag       300
tggctaccaa cgagctatac cctaacccac tgaaaactaa aattcacttt aacaaatgaa       360
gaacaaagct gggccataat ggcacatgcc ttcaacccca gcacttgggt ggcagaggca       420
tgcagccagt ctggcctaca gagggagttc caggacagcc agggctacac agagaaaccc       480
tgtcaaa                                                               487


<210> 368
<211> 150
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(150)
```

94

<223> n = A,T,C or G

<400> 368
gcacctctgg aggtggaagg aagaggatca ngaagttcaa ggccattctc agctatgttg   60
gcagttcaag accagccgga gcttcatgaa accctgtttt aaaattaatg aaataaaata   120
ataaaataaa acaagattta aaaaaaaaa   150

<210> 369
<211> 100
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G

<400> 369
ttccaaagtc tgaccaatca ttgcaccagt cgagctgaca nccagtgctg gctgtttgcc   60
tgtaccacta ttaaaaaata attcagttta aaaaaaaaaa   100

<210> 370
<211> 394
<212> DNA
<213> Mus musculus

<400> 370
aacagcggac acccagagag ctaaatgtct cctaccggct aagacaagga aacccactca   60
gatcgacctc tcgtggatca aacagactct atccaggtaa gtacacctgc caatcactaa   120
gttcctgtag gaggctgtag cctccccttt aggctgcccg agctgcacct taaagatggc   180
gcctgccaga tgcagagctg gtggtgtaaa caagtccata ttcggtggag acgtgcccct   240
gccgccctga ttggctgaag ccatgtacct ggtgaggtga cgtggcctgc cgtgagtgga   300
tgggggctga gagtatataa gagtgagagg cccgggggttc gagggagatg aagactgaaa   360
atggctgaat aaactgctga tagaagaaaa aaaa   394

<210> 371
<211> 321
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(321)
<223> n = A,T,C or G

<400> 371
aacatcttac ctccaagaac tgcttcagac gtatgaaaga gcccatctgg nctgagctng   60
tgatggcttc aattctatnt agngganaga cngagagact tgtgantacn tcctntgagg   120
aatctcaaca ctccatcang ngangctcac tggttaacan caccgactgn tcttccaaag   180
gccctnagtt caaatcccag caaccacgng gggggctcac aaccatncgt aatgagatnt   240
gacnccctct tntggngtnt ttgaagacag cgacagtgtn ctcactataa taataataaa   300
taagtcttaa aaaaacgaaa a   321

<210> 372
<211> 247
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(247)
<223> n = A,T,C or G

```
<400> 372
tcacctgtag gctgtcttca caacacntcc agaacaggga gtcanatctc attacngatg        60
gntgtgagcc accatgtggt tgctgggatt tgaactctgg accttcngaa gaacagtcgg       120
gtgctcttac ccactgagcc atctcaccag ccccatatat gtcattttc tgttcccaca        180
ttctctgtaa gattattgtc ataagttaaa angggaatt aaagcatttg aatgtcaaaa        240
aaaaaaa                                                                  247


<210> 373
<211> 400
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(400)
<223> n = A,T,C or G

<400> 373
gctaaggcag ttacattcgg agttccgcgg actcttcaga ggctgtaaaa atgccggagt        60
cacgaaagcc tgcaaagagc tgttgcttgc cttgctgctg ctgctgctac tgccgtccct       120
gcccgtgctg cagctgctac tcctgctgct gctgctgctg cttgttgctg attgttgcgg       180
ttgctggttg ctgtttactg tttgctgccg gctggagngc tggattgctg attgccagtc       240
ggcgaaatcc tggcgatgaa gatccaactt gccccaagaa acaagacgac cctaagaagt       300
agtctaatga tttcaatacg ccctttcccc ctctgacctt tctctcttac cttatgctgg       360
gggattggaa gggtggcana aaaaagaacc caataaagta                             400


<210> 374
<211> 259
<212> DNA
<213> Mus musculus

<400> 374
aactgaggat cggctcctgg agcaggacag cctctgtggc ctcactggcg ctgctttggt        60
ttctgggact tccgtggacc tggagcgcgg cggcggcgtt ctgtgtgtac agtgggtggc       120
ggcggctggc gctttctgcg tatcgtctgc aagacggcga ggcgagacct ctttggcctc       180
gaactcagaa atcctcctga ctctgcctct gcttcccaag tgctgggatt aaagacgtgc       240
gccaccacca aaaaaaaaa                                                     259


<210> 375
<211> 205
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(205)
<223> n = A,T,C or G

<400> 375
catgatggtt gtgagccacc atgtggttgc tgggatttga actctggacc ttcggaagag        60
cagttgggtg ctcttaccac tgagccatct caccagcccc tcaacagatt tctgatcngt       120
gagaaaagac tggaacatag atgctttctc tcctacggcc tgaccttcag ggtgacaacc       180
atctctgaac tgaccgggaa aaaaa                                              205


<210> 376
<211> 275
<212> DNA
<213> Mus musculus

<400> 376
agcacgacag agtcacctgg gagaaagaca tctggagcac atcgatttga ggtgggaaga        60
tcagcccact gtgggtggca ccatcctgta ggctgggaaa ctgcattgtg ttaaatgaag       120
aaaggatctg agcagcaatg cgctcatcgt tgtttcctga ttgtgggcaa ccagctgctc       180
```

```
caagctcctg ctactctgac gacttcccca ctgtgatgga ttctaacctt gaaccatgaa      240
ccagaataaa ccctttctcc cttcaaaaaa aaaaa                                 275
```

<210> 377
<211> 182
<212> DNA
<213> Mus musculus

<400> 377
```
aacgacagga aaagacctgt ggtatatgaa actttgttga caagagagga tccagagact       60
ttaaaagcaa aactctgctg ggcatggtga ctcctgtctg taattccagc acttggcagc      120
ccaaggcaga tggaggagga tcagagttca gaaagtgaag caaattaatg gaaaaaaaaa      180
aa                                                                     182
```

<210> 378
<211> 215
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(215)
<223> n = A,T,C or G

<400> 378
```
tgtcttgcat cgtggttata gaccaaggga ataaacaag atcttataaa taggctgcag        60
gcctatcttg aagaccatgc agaagaagaa gcanatgaag angatgtact gggagatgan      120
actgaggaag aagaaccann gcccatanaa ctgcctgtta aagaggaaga ncctcctgaa      180
naggctgttg atatggcatc ggaaaagaag gtggt                                 215
```

<210> 379
<211> 315
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(315)
<223> n = A,T,C or G

<400> 379
```
catggcttcc tgtgcgtgct tggcaactng acagnaatct anagtcatct gngaagaggg       60
aacctnaatt ganaaaatgc ctccaccaca ccggactaag ngggcnagan catctacctg      120
ctgctgctgc tggcgacggc ancancanca gcnttgtttg ctatcatcag agcccacctt      180
ctttggcctt ncaatgtgag ctaaagacca gnagntctcc agaaagtgtn tncaagnttg      240
ggggncnagn ctggggntgg tggngngcnn aagctggtgg ggggggngg ntggggggggg      300
gggggggggg tgcgg                                                       315
```

<210> 380
<211> 384
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(384)
<223> n = A,T,C or G

<400> 380
```
aaatggcaat tcagcaagct gataaactgn angaanaaac acactgatct tcantgtcgc       60
gnaggttctc aaggccattg gtttacagag aactggcaag cacagaagta aagtggaaaa      120
tggctttaca agttatgttt ggccttaaat ttttctagt gttagaagcc cttttgttcc       180
ttttcacatg ttatatagtg cttaagatag ggnngaaaat tctagaggaa attcaggaca      240
```

```
gtctatcaga agtaaagcgg ggagagagag taggagcaag gagaaacggt aagtatacag      300
gcctttccaa gggtcttgaa cccgaggaaa agttaaggtc aggtaggaat acctggggag      360
agattagaag gaagaaaaag aaaa                                             384
```

<210> 381
<211> 100
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(100)
<223> n = A,T,C or G

<400> 381
```
gggaaaaggg gacggttttc tgaagttatg aagatgcaga gnctgagaga tggganttac       60
tatgcgtgca nacaaatgaa gcagcacttt gaaagtattg                            100
```

<210> 382
<211> 199
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(199)
<223> n = A,T,C or G

<400> 382
```
gactgaggat gtcctaactt caggnatgga aggaaggaaa catgatgcca tattgaagag       60
gttttgtctt tgtttcaatg ggagaagaag agctacggat accatcaaat taataaagat      120
tagatttggc caggggagac ctcctgaaaa tcttggctac agacatgaag gaaaaaattc      180
aagaagacca aaaaaaaaa                                                    199
```

<210> 383
<211> 234
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(234)
<223> n = A,T,C or G

<400> 383
```
agacacccgg gcgggcacca aggctggatt ccatcacggc atggaatgag cctcaccaag       60
gcttttgaaa atgtccttcc gggctggaga gatggctcag tggttaagat aaacaccaac      120
aacttttcca gaggtcctga gttcaaatcc cagtaaccac atggtggctc acaaccatct      180
gcaatagggt ctgatgcctt ccttntggtgt gtntgaagag agcaatggtg tact            234
```

<210> 384
<211> 214
<212> DNA
<213> Mus musculus

<400> 384
```
ctcctgtctg ctgatggata atggactgga acacagaaag accatgcagg gttcggctgt       60
agaaggccgg tatctccaga ggccagaaga caccatcaga tctcctggga ctggagttat      120
agaggttgtg agctgccatg ttgaaccaag caggtcactg agggacacag gcatgtggat      180
ggaaaccctg ctgggagaaa aaagaaactg gtga                                  214
```

<210> 385
<211> 100
```

<212> DNA
<213> Mus musculus

<400> 385
aagactccct cacagttgtt tttgaaaata attggcaacc agaacgccag gttccgttta   60
atgaagtgcg attaccacca ccacctgata taaaaaaaaa   100

<210> 386
<211> 334
<212> DNA
<213> Mus musculus

<400> 386
gcgggaattg acaggaggac tacgccgcaa gggataggcc cagaatagca accaggaaac   60
aaaatctcat catggccaat gtccaccagg aaaacgaaga gatggagcag cccctgcaga   120
atggacagga agaccgccct gtgggaggag gtgagggcca ccagcctgct gcaaacaaca   180
acaacaacaa ccacaaccat aaccacaacc accaccgaag aggccaggct cgccgacttg   240
cccctaactt ccgatgggcc attcccaaca ggcagatgaa tgacgggttg ggtggagatg   300
ggagatgata tggaaatgtt catggaggag atga   334

<210> 387
<211> 127
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(127)
<223> n = A,T,C or G

<400> 387
aatggtgacg aggctcccta aagcagcctc gaccatccac agacagcctc acgtttttct   60
cctacttttt ccttatgctt ttaaatggca gactcgccgg gcgtggnggc gcacgccttt   120
aatccca   127

<210> 388
<211> 199
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(199)
<223> n = A,T,C or G

<400> 388
ggcaaacttc atgtgcangc tgatacacat aggcctctga ggaaatttgt antatgtcct   60
ggaagctcta aagaaaagca agagtgccgg gcagnggtgg aggacacctt taatcccagc   120
acttgggagg aagaagcagg nngatttctg ngttcaagac cagnctgggc tacaagagtg   180
agtccaggac agccagtct   199

<210> 389
<211> 237
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(237)
<223> n = A,T,C or G

<400> 389
ccttcaagtc tgctatggaa ttgaaagtga cctggagctt ccggtccttt ctacctcccc   60

```
ggtgctggga tggcagaagt gtgtccgcct gcgcattant catggttagg aataaaaccc      120
agggcttcaa gcatgcttgg cagatgttct gccaactgag acacanccc agtccccaaa       180
ccacatagtt ntgaaataca ggtcacattn aaaaataaat caacctggga tggacgg         237


<210> 390
<211> 295
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(295)
<223> n = A,T,C or G

<400> 390
ccctccaaga gctgagatca caagaatgta ccaccataag cggttttgtg tgtgtgttgg      60
agagatggtt canaacttaa gagcatatgt tggtcttcta gaggatagga attcatttcc     120
cagaacccaa gccaggtggc tcacaaccac atgtaactct aaccccccaa gatccagtat     180
ctcggcctct tcagacacct ttactcacat gcacatatca acacttaaat gcacataatt     240
taatttattt ccaggaagaa aaagttccta aaaatcaaga cacctgctca ccaga          295


<210> 391
<211> 146
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(146)
<223> n = A,T,C or G

<400> 391
agtgtgtatc atgcggttat tgtcatcttt ttggagtttt ttgcttgggg actactgaca      60
gcacccacat tggtgaacaa tgttctagga cagccaggga gacacagaga aaccctatct     120
tgnagaaagg aaggaaggaa gaaaaa                                          146


<210> 392
<211> 193
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(193)
<223> n = A,T,C or G

<400> 392
gactgagagt tgtgctgaag acaacagaca cctccatgac aacccaaagt atcacagagg      60
aaatgaaaag ctgtggactc attcanagtt aattaagatt aggtatgacc atggaagact     120
tgtgtatgac catggaagac ttctagagaa tcttgactgg tgatgtggaa aaagagaccc     180
agaagaacaa aaa                                                       193


<210> 393
<211> 484
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(484)
<223> n = A,T,C or G

<400> 393
```

```
ccattcttgc ccaggagaga gcgaggtcct ggacctggag agtgagctgt acctgggcgg        60
tctncccgag ggggggacgag tggacctgcc actgcccct gaggtgagga cagctgctct        120
ccgggctggc tacgtgggct gtgtgagaga cctcttcatc gatggacgga gtcanagatc        180
tccggggcct ggctgaggcc caggggggctg tgggcgttgc tcctttctgc tcccgggaga       240
ccctgaagca gtgtgcgtcg gccccttgtn gaaacggggg catctgtcga gagggctgga        300
accggttcgt ctgtgactgc atcggaaccg gctttctggg tcgggtctgc gagagagagg        360
ccacggtctt aagctatgac ggntccatgt acatgaagat catgctgccc actgcgatgc        420
acacggaagc agaggatgng nccttacgct tcatgtntna nagggcatat ggactcatga        480
tggc                                                                     484

<210> 394
<211> 167
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(167)
<223> n = A,T,C or G

<400> 394
agatgtggtg gtagtaggcg gttatgaaac tatctgcaag gaccgtctga tgggccagtg        60
tggcccagcg tctnaactac cnanntggca aaancattgg ntccttgcta cgctctcact       120
atgaacgcat tgtttatncc tatgaaatgt accagtctgg gagccaa                      167

<210> 395
<211> 298
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(298)
<223> n = A,T,C or G

<400> 395
actgacaaca gcccttctgg ggacagtgac tgctacatga actacaggag tgtcgaccag        60
gactctcagc ccgtctattg caacctggag tccctggggc gatgaggaga gtgtggtctc       120
ctggcgctga accagcctcc aacagccccc aggatccagc acgctcaaca tcacaggggg       180
tagaggacac cccaccccac ccagagcaga aggagggtga gaaacaaccc tccggtcagn       240
gngcatgcat gtgatgctca ataaaagctc tgggagcagc tgactctaaa aaaaaaaa         298

<210> 396
<211> 383
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(383)
<223> n = A,T,C or G

<400> 396
gactgagctt tttcctgcaa tacagtggnt acagtttgct gtggctactc tgagtgttat        60
aggctccagn tcactcctca cctacatcgc gttccagagc ccacagaagt ctgcagagat       120
aaagccactc ttgtatctga gcttctctga cctgctcctg ggaatttgct ggctcgtaaa       180
ggcacttctc tatggaactg cagcagccca caaggacagc atctgctata acctacagac       240
cgtggggggag nttnttctac nttgnctcac tcctctanac ngcannctac antgnggcgc       300
naggttntna nangnngang aagacagagc ngnctnagtc gtagatggag cacttgtnga       360
nccaggtgac agattatgtt atg                                               383

<210> 397
<211> 126
```

101

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(126)
<223> n = A,T,C or G

<400> 397
ggtgatgccg ggaggccccc cagccctcaa tcagccaatc ctcatcccct tcaacatggn   60
gggacagcta ggtggtcagc aaggcctggn cctcacactg cccaccgnga atctcacaaa   120
catcca   126

<210> 398
<211> 160
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(160)
<223> n = A,T,C or G

<400> 398
aagtggcaag gagagactca ggagtttttgc cccaatgngn gggnggtgct ggttggctgt   60
aagctggaca tgcggactga cctggccaca ctgagggagc tanccaagca gagactcatc   120
cctgncacac atgagcaggg nactgggctg gccaagcaag   160

<210> 399
<211> 368
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(368)
<223> n = A,T,C or G

<400> 399
tgtagccact gaggaccagc aaaaacacct gtccaaggca gcacagctgg gaccagaanc   60
aagtccccaa ttgtctactc tnctgtgccc atctgcttct gctcagtccc ctagaccttg   120
gaacagaggg tcccgcactc acacaggcca tgattgaagc tgaagcgaag agattcctga   180
gacctgctcc accagcagtc agaagactcc acccgagaga cgggccccag gcccgntccg   240
acctttttaa ctggatcaga cccgggccct gcacttcnna ttgaaggatg aagactgctg   300
naggtcaccg ccctgcggaa ngctgagncc tgtgatgtgt gngaaangta tcctacgtgg   360
cagagaag   368

<210> 400
<211> 195
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(195)
<223> n = A,T,C or G

<400> 400
gcgacgcaca ctgctcanca nctatgaggt gttccagtta ctaacggatc tcaaagagca   60
gccggagggn gagtgggaag aaacaagcat acccctctgc aaccaaaact aaaaccgccn   120
tcaccttatg agacccttaa agnccttatc aaaacccccc tcgtgggnnc ccagagncca   180
gcggatttgt cccaa   195

```
<210> 401
<211> 232
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(232)
<223> n = A,T,C or G

<400> 401
gaactgattt gggaaggnca atgtgatcct atcagtacat aaggaagccc cctgctcatg      60
tcttccacag tggccngngg tgggnntgcc aacatcttgg attacaagag cctccgtgag     120
atcgtggtga accaccagta ttcanctggc tgttttcact acaagtgccc tgctgangtg     180
ncggnggnan aagncaaaat nnnntcctta acnagatatg tgaaaataac tg             232


<210> 402
<211> 177
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(177)
<223> n = A,T,C or G

<400> 402
ccgctgatag agcagcanaa gaatatncag angnccaact tgatgantcn ngcaaggctn      60
acaggcctca gagcaaggga tgacggggng nctgatctgc taaatgaggc aangcagana     120
ctcagtnggg gtggtaaaag atacnacccc ncnaccaagn gctgctggat gggctgg        177


<210> 403
<211> 203
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(203)
<223> n = A,T,C or G

<400> 403
gactgaggca taatagtgga tccttgatgt ggaagacgtc cttaccagct ttgacaacac      60
aggaaatgtt tgnatgtnct ntgctcagna tgaantatat ccactagctt tatcaaacca     120
aaaaaatata taaaagganc ttnntntgtg gnacccaggg ggtggncttg acatgcncgg     180
caaggantca tagcttgtta ttt                                            203


<210> 404
<211> 248
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(248)
<223> n = A,T,C or G

<400> 404
aactgaggtg gtgggncttc tcttgcctaa ccagancgct ggcatccact gtcttctggc      60
agtgnctgaa ccagagccat aangnctgng gnaactatgc aaaccgcatt gctaccaagc     120
cttcacctgc atccaagttc atccagggct acctggncgc tgtcatcagt gctgtttcca     180
ttgctatngg gncaatatcc tctccctgac ngagcagggg gtccttacnc caaaataccca     240
tgggggggg                                                            248
```

```
<210> 405
<211> 320
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(320)
<223> n = A,T,C or G

<400> 405
ttacaggaga attagaatat gctacgaaaa tctccaggtt ttcaaatgtc tatcatcttt          60
ccattcatat ttcaaaaaac tttggagcag atacgacgaa gatcttttat attggcctgc         120
ggggagagtg gactgagctt cgccggcatg aggngggnnt ctgcanctat gaagcgtnag         180
ccaacccagc agaccaccgg gtgcnttnag gtcacccnc acacacactt tnntttctta         240
agggccagcc ggggctccct nanatgcgct gttagngaaa atgngcgacc acctgctggg         300
gaaggacaga ggatgctcca                                                       320

<210> 406
<211> 411
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(411)
<223> n = A,T,C or G

<400> 406
actgaggatc caaactactg gatacaggtg catcgcttgg agcatggaga tggagggatt          60
ctagacctgg atgacatcct ntgtgacgtt gctgatgaca aagacagaat acacctgcca         120
gatgattaaa atgngcctaa tttantcagc atgggtactt gtncaccaga gatantttna         180
agctaatgtc angngacntc ttcntctatc ctgcanaaaa tgctaaaanc attgaacaga         240
gcngggnnnc actttcaaaa aaatgtttgn aagctnccct nggcttnccc cccaagngga         300
tatttaaaan cccncccccc ccccnttttc ttttccttttt ngttntgcaa nttaatnntg         360
atantccgtt ctgnaaatgg naccatgggg ccttaaaatt tttaataaaa c                   411

<210> 407
<211> 238
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(238)
<223> n = A,T,C or G

<400> 407
ccactggtca tatgaaggtg nnattgnaac tgcacatgga ttgtcactcc tttcacccca          60
ggacctccgc acctggcatg aagacttgtc ctgggggagg gaaagagctt ttcctgagct         120
tcacccacta gctcctcttt ttctccctac acacacagac cctggggctt acacaagtgg         180
ctgctagacc ctgctgtaat cattaaatcc cacatctcct gattcagcaa aaaaaaaa           238

<210> 408
<211> 137
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(137)
<223> n = A,T,C or G
```

<400> 408
agagaccgca caggaaaaga agctaccgct tggncaanct ctaccttgaa caactcaggc   60
ngcaagagga gganaaggct gaagcccgtg cattcnagga ggatcaggng gccgngcgct   120
tgaaggagga tgtgctg   137

<210> 409
<211> 425
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(425)
<223> n = A,T,C or G

<400> 409
tctctccttt attgcctact agtnntttaa attggacttt taatatccta ccagcgtgct   60
cttcagacac acatggtgca ttgctgccat tcccgggatt gcatctttga gacacacact   120
cttaggagcc ttcagcaaac aaagaggcca cctcccggta cggctaccgg ggagggagng   180
atcctgaccg ccctctagcc ttggccagct ctggatatga atcctaccat ggaaccgaga   240
ntggagtcct gtctggccca ggtgctgcaa gaaggatgtg ggaaancagg ttgcnggttg   300
accaggaact catagactat ttctcagaca gacnagaaag tccggctgac cttgagcacn   360
accaanaccc tngttnggat aagctttgag natgggactc cgntancttc ttggggtgaa   420
ctcta   425

<210> 410
<211> 196
<212> DNA
<213> Mus musculus

<400> 410
gagaagctcg aagcggtctg ggggcctctc cgctacagtc tgcccgatcc ctgccaggca   60
acgcccttg cctcaagcac ttcccgcttg acctgcgcac gtctatggat ggcaaatgca   120
aggagatcgc tgaggagttg ttcagccgct cactggctga gagtgagctt cgtagcgccc   180
cttatgagtt cccaga   196

<210> 411
<211> 284
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(284)
<223> n = A,T,C or G

<400> 411
ggcctgtccc agaagttcct ctgnngacca ggctggcctc ggactcagag atccacctgc   60
ctacnctgag aattgttaaa atggacggtg ctacacagga agagaccatt ccagtatgga   120
ctggccattg gaaaggacgg cacagtatct ggactgttct gtgtcctnag gatgctgcgg   180
aatgaacaca catctgcgca agaatacagt agcagaaacc acatctcaca cttgataggg   240
gagttggaac tatgaatatt acagtctata ataaataaca cata   284

<210> 412
<211> 199
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(199)
<223> n = A,T,C or G

<400> 412
```
gactgagata tcttgataat ggaaataata aaatggcaat tcagcaagct gataaactgt     60
tgaagaaaca caaagatctt cactgtgcaa aggttctcaa ggccattggt ttacagagaa    120
ctggcaagca ggaagaagct ttcacccttng nnaacttgga ggatatagtt ggnttgaatg    180
ngctttaaag aaaaacaaa                                                  199
```

<210> 413
<211> 366
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(366)
<223> n = A,T,C or G

<400> 413
```
ctgaaagccg gtctctaccg tctaaccacc acgtttggng aacatgtgaa cagctgngca     60
ggcatctgca gaacatcaga aaagacttca gcaattcttg gagttcaaag aatagtgaag    120
tagntataaa cctgtgttca ttacccctgc tgatacaact acagatgggc acaagnnaat    180
gtcgagcatt tcttgggatc agaagagagc cggactaatt agacgctnnc ttttgtcgat    240
gntgctntgc tttgaaaact atactnncnt ggggaggant ncatnggana gaaattctnc    300
ancngantaa ncccgnaaaa ctgcccttct ctngtaccca ngtgcttttt ttgtggggtg    360
ttggta                                                               366
```

<210> 414
<211> 547
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(547)
<223> n = A,T,C or G

<400> 414
```
gactgagaga aaaggaaagc aattcaggtt cagacgacta gaatctttcg tgcatgattc     60
ctggcgacag caacgtgaca aggtgcgtgt ccagcggctg gaggtgaagc ctcgtgcttt    120
ggaggtgcct gataaacatc ccttggcctt cgttatacgc atggaaagga ttgaaggagt    180
gagtttattg ggtaaagagc accatcatga aacttggcct gaagaaattg ttcagtggtg    240
tctttgtcaa ggtcacccct cagagtgtaa gaatgctgcg cacggtggag ccttatgtga    300
cctgggatt tccaaatctg aagtctgtcc gggagctcat cttgaaacgt gggcaagcaa    360
agattaacaa taagacagtc cctctgacgg acaacacggt gatcgaggag cacctgggga    420
gatttggtgn catttgcctg gaagacctca tccatgaaat tgccttccct gggaagcatt    480
tccaggaggt ctcttcattt tctgngccct ttcctnctct ctgnggcccg ncatgctacc    540
aggacac                                                              547
```

<210> 415
<211> 393
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(393)
<223> n = A,T,C or G

<400> 415
```
agcagcaagt gatccagtct cgagtgaatg accaggaagg ccgagaagaa ttctatgttc     60
actatgtggg cttttancngg cgactggncc naatgggtgg acaaganccg actcgnactg    120
accnngacag tgaaggatgc cgagcagaan aactactgan anatncctga tgtgagctgg    180
ccgagcagcc agagctcang atcactcgaa accaatngcg aangcatgat ganatnancc    240
ntgtgcngan ggcnctggcc cctcccttct cagnacnatc acngcttanc catngcnact    300
```

```
cncatgtgan nggcagcccn cagggaagga gatctntcna tntgagcanc atcnttgtgn      360
atgacgtggc tggcaaagac cacaagatat act                                   393


<210> 416
<211> 416
<212> DNA
<213> Mus musculus

<400> 416
gactgaggta gccttcatgg ctgtgccaca tcattcgcag gagacttcct atctgctgcc       60
tccagatcca gaggattggg agaaacaagg catcccggac tttgtctatg gccaggagga      120
tctcgttggc aaggaagttc agtggcccag ggattcacct agtgccgtgg acacagtacc      180
actatcccgt ttcgactctg ccctccgctc tgcgtggagg cagcggctgg aactgggcct      240
gtttcggtac cgcctagaag atctgcagac ccaaatcctc cccggttccg tggggtttgt      300
agctcagctg aatatagatc gagggataca gaggaggcgc ccccagaata tcagaagtgt      360
gaggcaggag tttgacccgg aacagtttaa cttcaataaa attcgacctg gagaag         416


<210> 417
<211> 333
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(333)
<223> n = A,T,C or G

<400> 417
ttcggtgcta cagagtctct aatcttaaaa gctgaaggga aagnggagtc tgatnncttt       60
tgncaattag gtcacattca ncctcttatn ggaagatnat ncaaaagcnt tatnntgcat      120
accatgnggt acntacagtn tacagtctga ttactggaag aatcgctgcc tttttatata      180
ggtcttggtt tggtctactt ccattacnat gcattncagn gggctatnaa agcattntna      240
ggaggtgctc ctatgtncga ncccagcttt ttggcgagcc aaggaanntt natttacgac      300
tcnnggctta tcgttcnaag cgaacacaga cta                                  333


<210> 418
<211> 398
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(398)
<223> n = A,T,C or G

<400> 418
aatacaggct tgagcaagag cctgtgagaa gacggatngn gcaagagcga gccagagcga       60
gacgaagatg gcaggaantt gccatgtggt caagagtagc atgaagaact gctgcagagc      120
cctcatttca ttcttcctcg tacacaatga atcacgttgg gatttcattc cggggctatg      180
tacacaaaag tgncangagg aaaatgttct ctactcttgc ataaaaatgt gtccagtgct      240
tcaggaatgg aacttctgct ctgccgggca gggcttcagg gattctgccg ccagagatga      300
aaggctcctc ctcctgtttt atngntctgn aattcccgag gngttaatca tccanccctg      360
gncngctccc cttgnnggga tcctcggtgc tattctga                             398


<210> 419
<211> 376
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(376)
<223> n = A,T,C or G
```

107

```
<400> 419
tgagggagac aggatggtgn tgtcaaaact tccaagttnt tctcnnagat ntncngcaac          60
ncgggggnca cnatccagaa gnnctacccc ntngtncccn tcttcctcct ggnccactnc         120
atgggcgggt gccatctccn tcctantggc tgnanagagg ccaacctact tttctggcat         180
ggtcctgatt tcacctctgg tccttgccaa tccggaatct gnatcgactt tgaaggtcct         240
tgctgccaaa ctgctcaatt ttgtcctgcc aaatatgacc ttgnngcgca ttgactccag         300
cgtgctgtct cggaacaagt cggaggttga cctgtacaac tctgacccac tcntctgccg         360
agcagggctg aaggtg                                                         376

<210> 420
<211> 140
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(140)
<223> n = A,T,C or G

<400> 420
ctcctccgaa aaaaactgtt cggtttggcg gaactgngac agaagtctta ctgaaataca          60
naaagggtga aacaaatgac ttagagttgn tgaagaacca gctgtctgat cctgatataa         120
aggatgacca gatcattaag                                                     140

<210> 421
<211> 290
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(290)
<223> n = A,T,C or G

<400> 421
actgatattg cagtaggtga anaaactata aaggatatgt cagagaataa acaagaagta          60
catccagata ctattacaga tgtggaagct gttatagata cagaggaaga acttattaaa         120
gaatgtgaag aaatgtggaa agacatggaa gattgtcaga ataaattatc acttattggg         180
aactgagaca ctcacgaatg cagatgctca gctctcattt acttatttat gcaaatggag         240
ggggntggac tggctgaacc ttgggncaat ggaaaaaaag aaaccccgaa                     290

<210> 422
<211> 268
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(268)
<223> n = A,T,C or G

<400> 422
tggcgttttt tgatgaagaa taanaaattt aaatttcaaa ccactttcac cttggaggag          60
ctgactgcgg tccccttcgn gaacggggtc ctcttttgca aggtccgnct gctggatggc         120
ggngattttg tcagcttgtc atccagtggt cttcaaatga agatgatgaa ntcttatact         180
ctacntgcnc catgcctgcc tggatgctgc catgtnnctg ccttgatgat aangaactga         240
acctctnatc ctgtaaacta accccaat                                            268

<210> 423
<211> 261
<212> DNA
<213> Mus musculus
```

108

<220>
<221> misc_feature
<222> (1)...(261)
<223> n = A,T,C or G

<400> 423
aagtactgaa ggctttgtgg tgtgtggggg ttgnactcac atggctgcag ccagtgtgac   60
ttcccctggc tccctagaac tgggngggnc tggtttctcc aaaaccctcc tggggaccag   120
gttaaaaccc aagtacctct gttcancctg caaaaaacat cctgcgggag gcccttttcca   180
ggcccagtgg ggncaccnnn tactggntcc ttctgcctga ccaggatncc tnanggtgtg   240
catcccattg ggggggggggt g   261

<210> 424
<211> 245
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(245)
<223> n = A,T,C or G

<400> 424
tggccctggt ggctcaggta ctgatgctgg agaatgggct actgcggact ccacccatgg   60
gctggnnggc ctgggaacgc ttccgctgta acatcgactg tgtggaggac ccgaagaact   120
gcatcaggnn aactcttttt tatntaaagn tnggnatcna tgacnnaatg gngnatantg   180
accnctgggg tntacnttcc tacncctcta aaantggtgg aagngggggg cggaaaccct   240
tcggg   245

<210> 425
<211> 297
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(297)
<223> n = A,T,C or G

<400> 425
gccctgattg agcagactga ggaagcagng gccgcactta actccctccc cgaggtgcct   60
ccctggactg gggaggtcaa cccacctctg agagacggcn gtgcttctag ggcgcanctc   120
cttgggaccc ctccgataga tctgccctct tgaaaagcaa actgagggct ctgngnggnt   180
ggccctcgga gcctacnaag atccagctgc ttcggggggta ggattgacag gattgnnccc   240
canagtggac tagggttgaa cagnttccgg naccgaaaat aacagccaag ggggaaa   297

<210> 426
<211> 294
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(294)
<223> n = A,T,C or G

<400> 426
cttttcaccg gtccctaacc tgtaccannt ttgggannag gatggaaatt naccanagac   60
tcatcaagtc cataccactc ctgctccact gcagcaggat caaancanga aggggaatgg   120
gagatgcata gaaaattgga accacagaaa ccaggaagtc tcctttctgg gacagccagn   180
gacgctccag cacctcctcc agnccctggt ccttggcaca gcccctccct catggctgga   240
tcctcagatc ataatagggc cttggagcag ggtttgaggg tggggatggg gatt   294

109

```
<210> 427
<211> 167
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(167)
<223> n = A,T,C or G

<400> 427
acctctgcag tgtcaacang gctcaaggan gcaggatgga tcncgatgtg nctaacatgt      60
tngngattgc gggngggacc ctggcnattc caatcctggc attngttncn tctttcctcc     120
tgnggccttc agcactgnta agaatctatt attggggggt gactcag                  167


<210> 428
<211> 248
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(248)
<223> n = A,T,C or G

<400> 428
tgacttacta ccaaatgtgt ggtggatgtt gaagcgaaca aagttattct gaatcctgta      60
aatacaaatc tttccaaagg agatgcccgt ttnntaacna agacannntn gttanganac     120
tnntcatncc ccacatcctn gaaaaccatn nttcnggatg tttgccaagt atggactnng     180
gtnattatat nnntntcaaa aanatttatt caaacaaaat cttaaaggca tccctaagtt     240
aaactgac                                                             248


<210> 429
<211> 276
<212> DNA
<213> Mus musculus

<400> 429
gagacataaa attatgaagg atatcaccag aagctatgta aacatttcat ctaaggacca      60
agagaagttc aaggtgtttt cacaaggaaa ccaaagagac aactgatatg aaagagctga     120
ccgcagtcag agaaatcttg ggaggagaac tagagtgaag gacaaggcga tgagcaggtg     180
ggagagaaaa agcaaacagc tcaaacagat cctgtgaggc gggcgaccca ggacgaaggc     240
tggctttggc gttatctagg taaccccggt ttgttg                              276


<210> 430
<211> 105
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(105)
<223> n = A,T,C or G

<400> 430
gagtctgggg agctcctgcn taagtcagac tgagggtaca aaaatgcaga gcaataaagc      60
ctttaacttg gagaagcaga atcatactcc aaggaagcgt catgc                    105


<210> 431
<211> 434
<212> DNA
<213> Mus musculus
```

110

<220>
<221> misc_feature
<222> (1)...(434)
<223> n = A,T,C or G

<400> 431
ggtatggcag ctggcgagaa ctggccaagg ccctagccag caggaacatc ccagccgttg   60
atccgaatct ccaattctac cgtccccagc ggctgagcct caaggaccaa gaaattgccc   120
gaagtaggag taggaacagt agctacctga agtggaacaa gcctgtcccc tggctctcag   180
aggtacaatg tcgctgtctt cagacactcc agaagtagga gtcagatttt gttacggatg   240
gttgtgagcc accatgtggt tgctgggatt tgaactcngg accttnngan gancanncgg   300
gtgctcttac ccactgagcc atctcaccag cccacctctt gtgatcttga ctagaagtac   360
cttcctaacc cagctcttcc actgttttta aataaataaa caaacaaata actcactgac   420
cttaaaaaaa aaaa   434

<210> 432
<211> 238
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(238)
<223> n = A,T,C or G

<400> 432
tatggatatc aattctcctg gaagaaaaat aagaaggccg gagggnnct atctgaagag   60
gaagtgtttg gctctttctn ggnaanggnt atgcaaatac tggcaagaat gagcggctaa   120
tgagccactg ctaggtaaac atagtgggag gaaaaccaat anccnctgga cccctcagca   180
cnactgnacg agcccagnct cntccaatca acggaaccca gcaagaaaaa cccctacc   238

<210> 433
<211> 406
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(406)
<223> n = A,T,C or G

<400> 433
ctcctgcatt aagtcagact gagtgtggtt ttgcttgtgg ccatttccag tgcgtttgaa   60
tttggacccg ttgctgggag agaccttgcc atcagagata acagcatttg ggaccagaaa   120
gaacctgccg tacngcgatc ggtctttcca gttcgtgcct tccgtgggga tacagaacag   180
taagtcgctt aataaaactt gctgtctgaa tggagggact tgcatcctgg ggtccttctg   240
tgcctgccct ccttccttct atggacgcan ctgtgaacat gatgttcgga aagagcactg   300
tggggtctat cctcngtngg tacctggctg cccaagaagn gttcccttgt gcagatgctg   360
gcacggccca gctccantgn cttcctcaag accttttcta cctggc   406

<210> 434
<211> 199
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(199)
<223> n = A,T,C or G

<400> 434
agttcctcca tccacaaatn atgcantcga gtttcctcga atttggggtc aatacacaca   60
gagtgcaatg gatgaacctc gctctggaga aatcncctgc atantcatgg natttcccct   120

tncaggattt atacagaagc agtcttccaa attctgaaac ctgatgccca tcacatactt   180
tgggctgaga aaagaaaat   199

<210> 435
<211> 114
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(114)
<223> n = A,T,C or G

<400> 435
ctgccttgct ccatgaagtc caggacantn tgacatgcac ttgtttcttg tctcttcatt   60
tgaagaatag tcttcgtcca ctgtgtacat ttttttttgt taatagggaa ggag   114

<210> 436
<211> 312
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(312)
<223> n = A,T,C or G

<400> 436
aagactgaag tccgtgcccc tcgcctgcag ctgccatgga agctccttgg acccttttaga   60
agcttctcgc cgccatcaca ggagccccag aggatgtgca gcggggtctc cccagttgag   120
caggtggccg caaggggaca tggatgacac ggcagcacgc ttctgtgtgc agaagcactc   180
gtggggatgg gctgcgtaac cattatccac nggcagtcgc aagtcctcgg ccctcattgt   240
cagcgngggg ngcccncgac tttccagttt gtgcagaanc ctgacaagtc tgcccccat   300
ctcaccgtct ct   312

<210> 437
<211> 251
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(251)
<223> n = A,T,C or G

<400> 437
aatatctttt gcacatgant gttctgcctg catggatgac tgtacagcan gctcatgcag   60
tgatgaagga gaccagaaga ggtccttggg aatanagtta caaacaattt tgaaccacca   120
tgtgggtgct gagaattgaa cctatgtcct gtggaagatc agccagtgct cttaaccact   180
gagaaatctc tccatcacct attcttgtgg tttggttttt cttttctttt gngngtttct   240
tttttttttt t   251

<210> 438
<211> 226
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(226)
<223> n = A,T,C or G

<400> 438

```
atactgaagg cactattgct gaggtagaac agatgtgntt gagatcgagg ctaaactgga        60
caagctggtc aaactgtgca gnggnatgat cgaagccggc aaatcctacg tcaccaccaa        120
caggctcttt gtgagccggc gtccgagacc tgtctcagca gtgccagggc nacaccgtca        180
tctcggaatg tctgcagagg tttggagaca gcctacagga gatgga                      226


<210> 439
<211> 255
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(255)
<223> n = A,T,C or G


<400> 439
atactgaaga ataggagggg gagccccgag gatgacctga ttggaatccc attcccagac        60
cacagcagcg agctcctgag ctgnnngaac gagcagngcc agctnancca tctgtgcgac        120
ctcaccatca ggacgcaggg tcttgagtac cgcacccaca gggctgtgct tggctgcctg        180
tanccactac ttnaagaagc tcttnncggg aggnaggagg gggaaannng gaatgngaac        240
tggggggggg ggggg                                                       255


<210> 440
<211> 271
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(271)
<223> n = A,T,C or G


<400> 440
gaactgagtt ctggcaggtg atctgtaaga cagtgactga ntatggatca tttgaacgag        60
gcaactcagg ggaaagaaca ttcngaaagg ngntaacaat gtgagtgatc cgaagggtcc        120
acccgccaag attgcccgcc tggagcagaa ccggcagccc tctaggaaga gganggcttg        180
ggagcacagg ttggaaagat gcagggagtg cctttaaanc actcgggcca tctcatgaaa        240
acnggggta ggaaaggaac catgtttccc a                                       271


<210> 441
<211> 272
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(272)
<223> n = A,T,C or G


<400> 441
ggtctatgtg cactagnagt aattctgnca caatgcctga ataactacc agccatcttg        60
nngaaaaaca ggntcaggnt ctagcggnga tgtgtattct tattgatgaa aatgacaata       120
aaattggggg ctgacaccaa gaaaaaactg gtcaccttaa tgaaacatc gacaaaggat        180
tattcatcg agcttttagg gggcttcttg ttnaatactg aaaanaagct cctgttgngg        240
gggngatcag atgctaaaat tcctttccag gg                                     272


<210> 442
<211> 285
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
```

113

```
<400> 442
atgcagcagc tgccccangc cctgtgcttg gcaacattcc ccccaatgat gggatgcccg    60
gaggccccat cccgnnaggn nnctttcagn cttttatgan accacaatat cncagngcga   120
cncaaagcct ccaantaaaa tgggaaacca tatctatngg aggagttcct gggacacaga   180
tcattgctgc cnaatnccan ggatcccana cgacaacaag gacacnccaa catgggnggn   240
ggaatgcana nnatgaaccc tcccngaggg gatggggggcc catgg                   285
```

```
<400> 443
aaatttcccc agtactgcag aagnacaggn attcaaggac aacctctaca gccaacccag    60
ttgagggcca gcctgttcta tcgagatcct gtctngngga cagaaaaagt ttcatgagan   120
cgtggtgtgt tggcacaatc ttttatttcc gagcacttga cgcattaaaa ttaagggcag   180
atcttcatga tttggggggcg ggccctgggc ttgattccaa agaaccttgt ttccaaaaca   240
aacaaacgaa aaagttgtat ggggggggggg gggccaaggg ttttgg                 286
```

```
<400> 444
gactgaggta cctcctgnat gatgtcaacc ccncaaaggc ttcaatctcc gcagggatgn    60
ctatatccgg gtggcatcct tgctgaagac gctgttgaag actgaagagn gggtgctagt   120
cctgccccccg tgggggccgcc tctaccactg gcaaagccct gacatccacc aggtccggat   180
tccctggtcc gagttttttg acctcccgag tctcaataaa aacatccccg ttataaaaaa   240
aaaa                                                                244
```

```
<400> 445
ttttagggac ttcctgaagc tgttttgagt tgtttactta tggatcttca ctgcaagatg    60
gactgttcca atctcagagg aactcttcca gaaacctgta tagactactt tggccttgaa   120
ctcctacagg tgggcctgcc tttgcttcct agtgctggga ttaaaggtgt gtatcaccac   180
aaaaaaaaaa                                                          190
```

<223> n = A,T,C or G

<400> 446

```
ggcttgggga gatccgcttg tcaggggnnc atcctcttcc aggctgaggg ctcccgttag      60
acactctcac gtttgacatc ttcctcctcg gggcgggtgt ggaccaccgc ctcgcctntc     120
tccggaaaaa aaaaaa                                                      136
```

<210> 447
<211> 236
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(236)
<223> n = A,T,C or G

<400> 447

```
gactgtgcag ttgttgctcc tggtgatgtg gatggctcna atgtgctcac tgccagagct      60
acttcgggnc cagnactgaa cttntcaatg tctgcatggg atgccannca ccacaaagaa     120
aaanccgggc ccctggagga caattttaca cgaccagggg canccccctg ggaagancna     180
attccctggc tgttcccacg aaacaccaag cccaggaagc cacattaagg gacgtt         236
```

<210> 448
<211> 177
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(177)
<223> n = A,T,C or G

<400> 448

```
aggtgatttg ccgttgagaa gctcgctact tcgcacacaa acaggaggta cggggactca      60
aaccccacat tccctctcca ccctcggcct tctctctctg ctcgtcttca aaattgtttg     120
aagtttgaaa tttcacgaaa ttcattgtag canaaattan gcccgttgta caaatca        177
```

<210> 449
<211> 238
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(238)
<223> n = A,T,C or G

<400> 449

```
cgatcagtag agggaccaga aacttctctg caaagtggcc tgcacaagct caaaccagcc      60
aacgtctcag tgtggacagg gaagggctca tgaagtgcta cccctaactg agaagtcact     120
gacagttgga aggacgagtt ggggttcttc acagatgtgg tccctgaaag gcttacccgt     180
gctcctngtc accagagcac aggaaattgg gaggagaatg ggggggggggg gggataga      238
```

<210> 450
<211> 207
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(207)
<223> n = A,T,C or G

<400> 450
ggctcaataa cattgagcgg cccctgctta tcttcggcac caagtttgac ctgagacagt   60
ggttcctggt gactgactgg aacccactca ccgtgtggtt ctaccgagac agctacattc   120
gcttctccac acagcccttc tccctgaaga gngcngggac aactgagtgc accctcctcc   180
cctgactatc cagactagtg tggaggt   207

<210> 451
<211> 460
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(460)
<223> n = A,T,C or G

<400> 451
gactgaggaa ggatttttgc tgggagaggt aagacaagag gaaactttta gcatcagtga   60
ctcacaaatc agcaacacag agtttctgca agtaattgag atccataacc atcagccttg   120
ttcacaactc ttcagttttt atgattatgc gagcaaagtg aatgaagaaa gtttggacag   180
aattctgaaa gatcgggagg aagaaagtta tcggatggta caggttccgg cgaaacaccc   240
agcagcagat gtcctacagg gaacaggtca tccacaagca gctcacccgc atcctcggng   300
tgccagacct ggtcttcctt ctcttcagct tcatctctac cgccaacaat tctactcatg   360
ctttanaata tgttctcttt anaccaaacc gnaggtataa tcaaaggata tcacttgnta   420
ttcccatcta ggcaatacta gccagcagga gtccaaaggg   460

<210> 452
<211> 169
<212> DNA
<213> Mus musculus

<400> 452
aacagcttgt tgcacaagcc tcaggacctg agttcaattc ccagaacccca tggaaaagat   60
ggaaggagag agctgacttg acaaaactgt cttctgacca ctgtacactg gactggagcc   120
acggactgca ttgtacagga aaataaaaca atttgtatga aaaaaaaaa   169

<210> 453
<211> 464
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(464)
<223> n = A,T,C or G

<400> 453
tgaaggtgaa gcttcctgtt gaagatggca gacccagtat gttctcactg aagttccggc   60
ggcattgaag cgggtagcca agtatgtcat ccggggcttt tatggcattg agcacggtgt   120
tggccttgga catcttgatc cggaacccct gtgtaaaaga agangacatg ctaggagctg   180
ntcaagtttg atcgggaagc aacttcgatc cgttttgaat aatttaaagg ganacaagtn   240
catcanatgc anaatgaggn tagagactgc tgcanatggg aagaccaccc gccataacta   300
ctacttnatc aattaccgga ctcttgntaa tggaagggaa anataagctg gaccncatga   360
aaaggaggga ttgaaacaga ngnagagaaa ttcccccaat cgggcttccc ttcaaatgnn   420
ctgtctgntg cagnactttc actganctaa aaacccatca actg   464

<210> 454
<211> 280
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

116

<400> 454
acctgactgc cgagattgtc acgacttcct ggcctgattc tgcaccgcct gantctgnca   60
gngaccgaca ggctttgttc aaaagnatgc ccaaacctttt ttggccctct gtgctacaga   120
ttacacctttt gcgatgnatc ctccatccca tgatcngcac agggcagnat tggggggcanc   180
cgngctaggc ctagggnggc cngctctatg tctgggggat gaacctnaca aaagttgnnn   240
ggcccgggaa tcacaaggnc nctgaaggcc ccccaggcct   280

<400> 455
gtcttttgcc gcttcatgtc ntccatggct cctcaagaca tttgtcctca tggtaggact   60
tgccactgtt gcgtttatgg tgagaanggt gtncctnaca acagactncn gcaccttcaa   120
nccaaagtttt ccagannctg natgggtnga cccanggctg aagctttcta ccanagganc   180
atctgaggaa nctctttacc tacagtgaca tctggctctt ccccaaaaat cagcgggggac   240
tgtaactctg ncaaactgcg antgaaatat aagtttcngg atgcctatan ccagaacgnc   300
cttccagctg ggaatgcca   319

<400> 456
cccctgccgg agaagaaatg ggngactgtg ggtagatacc tccctgagga tattcaaatg   60
ggtgcctgtg acagatagca aggagggatt ttgaacttta tacaaacgaa tcgtagggct   120
ggagagatgg ctcagcagtt ttgatggctc agcagttttg agcagtggat gctgttccgg   180
aggacctgag ttcagttccc agcccccaca tggnggctca caaccttcag taactccagt   240
tccaggagat ctggtgccct gttctgacat ctgctggcac caggtagata tgtggtgcac   300
agacggtata tgcagccagt gcaccgtaca cataaaataa aaattgaaaa actggaaaac   360
aaaaaaa   367

<400> 457
ggcttgcccc tgatcagcct gagtctgatc tgaagatttt ggtgtttaag gcattaagaa   60
catagcctga atngttcatg gagttttttca tcagtatgtc tgaaaccata aaatataatg   120
atgatgatca taaaaccgct gtttctgaaa aacactggaa cgaacagcgg cctgggaggg   180
agaatttctg cgacatcgcc ttcgtgggtt gaaagatgta aagttcccga gcccaccggg   240
ggngntcctc gcccgccttg caancacgtt acttttnaan aaagcttttt caannaaacc   300

117

```
tagaaagtna gaacacgccc cncccccgtn ataagagaat agnatttccc tcccgctnct      360
nacaatattt tngaagaggg tgctgaactt acatngtnnc nccggccagg atttccggag      420
aaaaaggg                                                              428


<210> 458
<211> 430
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(430)
<223> n = A,T,C or G

<400> 458
gactgagatg acggcccttc ttaccaacca aacagaatga ggaatttcgt cccttcattc       60
gaaggcttcc agaattcaaa ttttggcacg cagctacaaa aggcattctt gtggctatga      120
tctgtacctt cttcgaggct tttaacgtcc cagtgttctg ccgatcctg gtgatgtact       180
tcatcatgct tttctgtatc acaatgaaga ggcaaatcaa gcacatgatt aaataccggt      240
acataccatt cacacacggg aagaggagat acaaagggaa ggaggacgtg ggcaagacat      300
ttgctagtta gaagctggac tgattctcac acggactcaa gaacggtttt gagccattgt      360
aacaatgcct ttttcttcac ataaagtagt tgattatgag gaagnngaat tntctttta       420
agaggagccc                                                            430


<210> 459
<211> 122
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(122)
<223> n = A,T,C or G

<400> 459
atactgagta tagtaagaag acatggtttc cccccacttc cacagcacgt ctaagtttta       60
tcttttttgg ggtccttatc tgtgggccac antggaacan ctgtgaatat cacgctgtta      120
aa                                                                    122


<210> 460
<211> 188
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(188)
<223> n = A,T,C or G

<400> 460
gaactgagca tcttccccac ccccagcccc cangaccaag gacaggctgn gtccagacag       60
aaactgttca gcatcccagt gaatggacaa ttgcactgaa ctccacaagc atcccctgcc      120
ccgtgcccat gtcctgagat ccttatccca gatggaaaag ttaaatcgtg gctttgaaaa      180
tccaaact                                                              188


<210> 461
<211> 203
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(203)
```

<223> n = A,T,C or G

<400> 461
gactgagtat cttcagatga aatggccact gcttgatgtc caagcaggaa gcctccagag   60
cagacaaacc ctcaaggatg ctcgttcgcc gtcgccagca cacatcgttg taagtaacct 120
ctcagtgaga gccnccctc tgttgagggt aaaggatctt ttgatgatta aaaactcnta 180
tttgtctgtt ctttaaaaaa aaa   203

<210> 462
<211> 471
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(471)
<223> n = A,T,C or G

<400> 462
gactgaggtc ctccttgtgg ttcatttctg ggcaccatgg gctccacagt gtgtacagat   60
gaacgatgtc atggcagagt tagctaaaga acaccctcat gtttcatttg tgaagctgga 120
agccgaagct gttcctgaag tatctgaaaa atatgaaatt agctctgtcc ccaccttcct 180
gttcttcaag aattctcaga aagtcgaccg gttagatggt gcacatgccc cagagttgac 240
caaaaaagtc cagcgacacg tgtctagcgg agcctttcct cctagtacta atgaacatct 300
taaagaagac ctcagccttc gcctgaaaaa gctgactcac gctgccccct gcatgctgtt 360
catgaaggga acacctcaag aaccacgctg tggtttcagc nagcagatgg nggaaatcct 420
tcacaaacac aatattcagt tcagcagctt ttgatatctt ctcagatgaa a   471

<210> 463
<211> 340
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(340)
<223> n = A,T,C or G

<400> 463
gactgagatt tgataatggg ctgcattaaa agtaaagaaa caaaagtcca gccataaaat   60
acacaccgga aaatcttaca gagcctgtag gcccaagtgc cagtcattat ggagtggaac 120
atgctacagt tgccccgacc tcttccacaa agggagcatt cagtnaattt taaacagtct 180
ttcnatgaca ccctttggag ggtcctcagg gntgactcct tttggaggag cgtcttcctc 240
attntgagng gtgtcaagtt catatcctac agggtttanc agaggatggg caanaaagtg 300
atactttcct ntggaatnaa gaagccctaa aagtataaac   340

<210> 464
<211> 238
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(238)
<223> n = A,T,C or G

<400> 464
actgagattc agagtcatgg ngctcagcga ngcgaattta cagacactaa cagagtnttt   60
aaagaaaacc ctggatcctg atcctgccat tagacggnca gctganaagt ttctcgaatc 120
cgtagaagga antcagaatt acccactgtt gcttttaaca ttattggaaa aggcacagga 180
tantgtcatt aaagtatgtg cttcagtaac cttcaagaac tatattaaaa ggaattgg   238

<210> 465

119

```
<211> 276
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(276)
<223> n = A,T,C or G

<400> 465
gactgagact ccagttctca tctggctccg tttttaaact cccaccttgt cactcatctc      60
gcctccttgg agtgacatca tgaaggtggt gaacctgaag caggccattt tgcaagcctg     120
gaaagagcga tggagtgact accaatgggc aatcaacatg aaaaaattct tccccaaggg     180
agccncctgg ggactttctc aacctancaa aagcgctcct ggagcaggct atgatngggc     240
cttcccccat tcctttgatc ctgtcgtacc tgaaga                              276

<210> 466
<211> 167
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(167)
<223> n = A,T,C or G

<400> 466
aactgaggtc gcagacactt tgtgaaanga gtgagtcaga gacgacgacn tacccngct      60
ctcttcccat accttagcag ctgnccagga gtttttatgct tgagcagaaa ccaatccgtc    120
aaccccagag gggatgataa attataacgg ttggggtaat tagagga                  167

<210> 467
<211> 116
<212> DNA
<213> Mus musculus

<400> 467
gactgaggtt agaaagaatc aaacaatgca gacataattc atctccttaa agattgcgcc      60
ctagtacttg aaatgctttt tatttaaaag agtagtaaaa atggaaaaag aaaaaa         116

<210> 468
<211> 390
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(390)
<223> n = A,T,C or G

<400> 468
gactgaggga cagagtcatt acagttgaaa ctacagagta ttctgctagc agccttcaga      60
tgaagatgta gaactctcag ctcctcctgc accatgcctg ccgggatgct gccatgctcc     120
tgccttgatg ataatggact gaacctctga acctgtgttg atgtgctgtc gggacagctc     180
tggagcaccc ttaaagtcca gctcttccat ctccgcttca tagaacttgc ggcagaaatc     240
tttaaaagac tgaaacaggg caacacgaaa gtgattagca ccaacagcct cctttccagt     300
gcacaaaatc aaaatatcaa aatgtaatgg gngnacagat ttgattngca aagaaaaang     360
nggaaatgta taaaaattca aaaaaaaaaa                                      390

<210> 469
<211> 266
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(266)
<223> n = A,T,C or G

<400> 469
actgaggagg tgcccagaca tgggtgactg gagcgccttg gggaagctgc tggacaaggt       60
ccaagcctac tccacggccg gagggaaggt gtggctgtcg gtgctcttca ttttcagaat      120
cctgctcctg gggacagcgg ttgagtcagc ttggggtgat gaacagtctg cctttcgctg      180
taacactcaa caacccggtt gtgaaaatgt ctgctntgac aagtccttcc ccatctctca      240
cgtgcgcttc tgggtaaaaa aaaaaa                                           266


<210> 470
<211> 212
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(212)
<223> n = A,T,C or G

<400> 470
aatggaggct gaagagttaa ttggcagcag tgtgacgatt gattccatca tgagcaaaan       60
gagagntntt anaaatatga tatgtgaaga ctgtactgat gagctaagct tgtctaaaat      120
ccttgtgccg atcacaccga aactggntaa nccaaaatta tgagggttgg ggaacacccc      180
anagaactgg ctgaattttc ttgctgaaac ta                                   212


<210> 471
<211> 238
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(238)
<223> n = A,T,C or G

<400> 471
ggacctgccc tgcctgctac nnnganngtn nnnnacagga ccataggtgn ngcaagacct       60
acagcancct gntcanagtg gtgggacgtt gcattcccan cccagatctg atcgtcttac      120
tagagcagga gaagngagcc cctgnatggc ttgggaaaaa agaaacaggc agcccgagcc      180
caaggttttg gagacaggnt ttccnancct gaaaatnaga nctccaaaaa atcatgtt       238


<210> 472
<211> 364
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(364)
<223> n = A,T,C or G

<400> 472
actgagagaa atgcaggcag nagntcagga tggnaccgaa gattccgatt tttctacnga       60
tctcnagcat acagacagnt nanagagtga tggcacctcg cgccgatctg cccgagtcac      120
ccgctcctca gccaggctaa gccagagttc ccaagattcc agccctgttc aaagatngnc      180
agtctttngn aactgnggag cctgnctatt ctaccagaag ggtgacccgt agtcagcagc      240
agcccacgcc agtgactcca aaaaagtacc ctcttngaca gactcgctca tctggctctg      300
aaacggagca ggtggtggac ttttcagata gagaaactaa aantacagct gatcatgagg      360
agtc                                                                  364
```

121

<210> 473
<211> 244
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(244)
<223> n = A,T,C or G

<400> 473
```
actgaggttt aagtgcccca tttgttccaa gtctgtggct tccnatgaga tggaaatgca      60
ctttataatg tgtctgancn ggnctngngc tgtcctacaa tnatnatgtc cctnactaaa     120
natgccgggt gagtgtgcta atctccctga agaanctgct tcaggnggnc acaatagcca     180
gcctgccttg ccttgtncat ctataacaaa agnctgcnta anctcatggt ttagaagtga     240
acag                                                                 244
```

<210> 474
<211> 368
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(368)
<223> n = A,T,C or G

<400> 474
```
gactgaggtc tactgctgct ntgctctaca ngggttactt cctccaggac tgccanctgt      60
nngatcanaa taccgtgaca ctggtgtggc ttgaagnata ttnacncctc nccngagaat     120
ctctaangct acntactcac ccacttctga naggcgtcaa aggttccaan cgaacnctgc     180
ctggntcact agcatcagaa tttcacagat ttaggttcat tctncttgcc tcagaaattg     240
atcaaggggc acattcccct gatgttaact gcaaaccttg acgagtctct naagacagnt     300
caancttcan ncncgntttg ggctttctga acctctgggc caccttcagc tccatttcct     360
tgacaagg                                                             368
```

<210> 475
<211> 374
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(374)
<223> n = A,T,C or G

<400> 475
```
gctctggaag ctatggacca gcangacctt ccagaagaga gagaccgatg gcagtgggtg      60
aactgataag ggccctaggt aggctnaaag tgnccacgga ccaagatagc attgaatttg     120
gggcatctgg gggctggctt gactttataa attggacctg ntaagcnagg ttcctttgga     180
ctgggaatgn aaagaaggtg gtcacttgnn naaataaatc tggatggccc ttggggcnta     240
cccncgnccc ccggggngtt ttctgggaag cnagtngnga aaaaggggggt gcctttttaa     300
aaaagttttt nttgttaacc aactgggccc ccacccnttt aaattnttgg antttaaaa     360
aacccccttt ggaa                                                      374
```

<210> 476
<211> 275
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(275)

122

```
<223> n = A,T,C or G

<400> 476
gactgagatg gtggaccggg caagattact gcttgctgcc ttgagtgana gtgggattan      60
tccgaatgac ctctttgatg ttgatggtgg agatgctggc cttgccaccc ntacnccccc     120
ttcanttcaa cagaagcngc ctccatccac ttcaacagct ngggctgaa tcacaataan     180
tcaacttcca tctttgngat ntnccaatan ncnatgactc actccccnc ctgctaaata     240
cgaaggggga naaccntcac ctatgacaaa ttatc                              275


<210> 477
<211> 394
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(394)
<223> n = A,T,C or G

<400> 477
gaaaaccggc cattgaatag aatncacngt caagccgann atncnanccg gannatgtga      60
ttatncangc tanngngcat atgctactgg agacnacaaa gcctgtttcc ctcggancca     120
atccgctggc ttaaattttg cagaganaat cacgtcagnc cncagaaant cttcctctgt     180
agccatctgn nannconngn gtntnaanta aatgactgtg nctaatcagn ncacagcctc     240
atggagantg actcctaccc ctctgttcct gaggtccaaa atgnacttan atctgctgtc     300
ccanagccag aggaggctca cntagacctc ggaggggggac tcttggaagt cactggcttt     360
cctttcccct tgctgccaag accatattct gaag                               394


<210> 478
<211> 429
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(429)
<223> n = A,T,C or G

<400> 478
gactgagatg ggctggttaa aagaaaagca gcttatcgaa ccgaggtgag cgatgaagac      60
atccaaacaa tgccatgctg tacaccggga gcactttcta tttgcctggg aaactacgag     120
cggagcccct ggatgccatt ccactcgaag gcccccaagt ctcctaaggc actgcaagta     180
agaaggagcc gggctcacca tgaattcact ttgaagtagg tgggaacttg ccacgacgtc     240
cctnagctgt gaccgtgtga gaactcggct ggctgactgc aggtattcca tggctacctt     300
ctcccgggggg gttgagacgg ncacaaaggg ttcnacactg cccaggctac tcatgtccag     360
cgtaagagat acattggaac ctcgnctaca tgggggaaag aatgntatta catttaaata     420
ttcatgaat                                                          429


<210> 479
<211> 143
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(143)
<223> n = A,T,C or G

<400> 479
tatgctggat gagcagtggg naccatctan atcgcataga agaaggcatg gaccaaataa      60
ataaagacat gagagaggca gagaagactt taacagaact caacaagtgt tgtggcctct     120
gcatctgccc ttgtaatagg gcc                                           143
```

<210> 480
<211> 249
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(249)
<223> n = A,T,C or G

<400> 480
actgaggatg ggatgcgtga agtccaggtt cctccgagat ggaagcatgg nctcnaaaac   60
agagccaagn gccaatcaga agggccctgt gtatgtgccg gatcccacgt cctccagcaa   120
gctgggacca aacaacagca acagcatgcc cccagggttt gtggagggtg agtatctagg   180
aagcttgggt ctcagcatca nnatacatnc attanctag attctgagtt gtaactgatg   240
ggggaaagt   249

<210> 481
<211> 407
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(407)
<223> n = A,T,C or G

<400> 481
tgttgggcct taagaggccc caccggtctt tctttgagtn cttnatccgg acactcatca   60
tcgtgggcac tggcctgnct gaggntcctt tnttcagtcc tncatctgcg atggccacnt   120
ggcctcctaa tggaaggatc atctcttttg gggcttgngg aactttctgc accatcggga   180
aaccacagtg gaaccacatt gtcttganna gacctgagcc caggccccca tatgccccgg   240
gcgtgggctg gtagnncatg ggncctnanc ncgccaagtg gnggncccgc cattggcnag   300
nnggtgngcc ttnccaattt tccccccttg gaaaatgctt cattggtngn cccaaggngg   360
ggtaaaaaag tnccgttnac gggacaaggn gggcccatcg ggttcct   407

<210> 482
<211> 143
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(143)
<223> n = A,T,C or G

<400> 482
tgatgaaaaa ggagattnta tgagcagatg ancggtcctg tnacctncgg ctnccgccag   60
nanaatggtg ccggcgtnat cctccgagnt gttgnaagag ccggagagan catccagaat   120
tccttgggtg gaagatgagg gcc   143

<210> 483
<211> 171
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(171)
<223> n = A,T,C or G

<400> 483
agacaacggg aggcaccaca gaagtctgtg gaaagaacag nagatgaant gnccaganct   60

124

```
ggccttacag ggccttcaca gagaacgtnc cacccgctgn aaactgatgc cgggctcctt      120
ccccncggga cggagtcttc aaacatatng gggataaaaa tgtttcctgg t               171
```

<210> 484
<211> 531
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(531)
<223> n = A,T,C or G

<400> 484
```
gactgagaac tgtgcctggt gatcttgntt gcttcagtgc atctacaaca tcggcctact       60
cctccctgtc ggtgattgag atgatctgtg ctgctgtctt acttgtcttc tacacgtgtg      120
acctgcactc caagatatca ttcatcaact ggccttggac tgacttcttc agatccctca      180
tagcaaccat cctgtacctg atcacctcca ttgttgtcct tgtagaagga agaggcagct      240
ccagagttgt cgctgggata ctgggcttac ttgctacgtt gctctttggc tacgatgcat      300
acatcacctt tccctctaaa ggcagcaaag acatacagca ggctcccact gaccccactg      360
atgggcccgg tgatcgtctt tcagctgtct ctgctacctg gncaataggc tcctccatca      420
aaaaactttc ctcctgnngg ggcggggggg gggctccgcc tttcctccaa agctntcagg      480
agggagaagg cagggnggat ccctggngaa gttgaggcca gggctacaca g              531
```

<210> 485
<211> 483
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(483)
<223> n = A,T,C or G

<400> 485
```
tttaagcccg cgccctccgg gtccgctttg cnggatcncc gctagnctgg acctgncacg       60
cggaccgcac ggngagctnc nggnaanggc agaganngac ngagtcgaan gnctngctct      120
ccntacncac atcgcccggn tagnctctcc tacacancgc tgactttcan aaggagctgc      180
tctcctcaca ccttggacgc cgccggaagc tncaaaccgc gccgcactaa cgccgccgac      240
atgtttccga gccccgccca cacgcggnga gctacttccg ccctggcgga gttcgctcct      300
cggcagaaac tggagcagga gctcagggtt ccgcagcnag cggaagtgct gccttagaac      360
gcangctcaa tggctttcct atanccccgg aggancgggg agctaggggc ngtgtccnaa      420
gcgcanaaag ccacagttgt tcaattttct aagcaacagg nctctggtga tccaggcttg      480
tgg                                                                   483
```

<210> 486
<211> 356
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(356)
<223> n = A,T,C or G

<400> 486
```
caaatccgga gattgccagg aggcttctcc tcanaggtgc taatcccaat ttgaaagatg       60
gaactggttt tgctgtcatt catgatgctg ccagagcagg tttcctggac actgtacagg      120
ctttgctgga gttccaggct gatgttaaca ttgaagataa tgaagggaac ctgcccttgc      180
acttggctgc caaagaaggc cacctccctg tggtggagtt ccttatgaag cacacagcct      240
gcaatgtggg gcatcggaac cataaggggg acacccgcct tcgacttggc caggttntat      300
ggaagaaatg aggtcattta gcctgatgga ggcaaatggg gttgggggag ccacaa         356
```

<210> 487
<211> 220
<212> DNA
<213> Mus musculus

<400> 487
tgaggtggga cccgggggt agagctcaag tccccaggct tggcagcaag caccgttagc   60
tgcagcatgt catggtttag tggcctcctg gttcccaaag tggatgaacg gaaaacagct   120
tggggggaac gcaatgggca gaagcgccca cgccacgcga atcgagccag tggcttctgc   180
gcacctcgct acatgagctg cctcattaat aaaaaaagaa   220

<210> 488
<211> 179
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(179)
<223> n = A,T,C or G

<400> 488
cggggcactg caagatggct cacnagataa tactnaactg ctttgatgtg acccttgccc   60
cttcattnac anacnggggg tcctttanac tcccagccct gggcacacac accactcact   120
gaacacccca gnctgaatag nttattttct cantagncac cagagggtgt gttcacttg   179

<210> 489
<211> 104
<212> DNA
<213> Mus musculus

<400> 489
gactgagagt cactgttcat tttatttcaa aatcggagca tgttcgtcat ggagacagat   60
gttctcggtt gcacaataaa ccaacctttа gccagaccat tgtg   104

<210> 490
<211> 384
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(384)
<223> n = A,T,C or G

<400> 490
tgagctcttc cccaacgccc ctacgccaat gtctccancn gncacaaacg tgaatgangg   60
actntcncan tnctcttcaa natncanang ggcnctgngn ananntttcc agggangagg   120
gttatgactg attgcgggac atgccagatg gtaccttctt agttcgtgat gcctcaacga   180
aaatgcaggg ggattataca ttgactttga gganggcngg aattgcctgt atctgcagga   240
tctntaatat gtgatggccc tcgttggcac ctccntannc ncnggcataa tctaaaatgg   300
ngnaccttat tacnctctac caccacaagt ctctcgctca gtccaatccc aaactcgacc   360
gngaanctgc gtacccagtc tcca   384

<210> 491
<211> 546
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(546)
<223> n = A,T,C or G

126

<400> 491
```
ctgagggtga cacttcccaa atctcctcag tcctgacccc ggcatcatgc atcggaccac      60
acggattaaa atcacggagc tgaaccctca cctnatgtgt gccctctgtg ggggctattt     120
tattgatgcc accaccattg tggaatgctt acattccttc tgcaaaacct gcatcgtacg     180
ctacttggag accaacaaat actgccccat gtgtgacgtc caggtccata aaactcgacc     240
actgctgagc atcagatcag acaaaaccct ccaggacatt gtctacaagt tggtgcctgg     300
gctttttaaa gatgaaatga aacggcgacg ggacttctat gcagcatacc ccctgacaga     360
ggtccccaac ggctccaacg aggaccgagg cgaggtcctg gaacaggaga aggggggctct    420
gggtgacgac gagattgtca gtctttccat tgagttctac gaaggcgtca gggaccgaga     480
ggagaagaag aacctcacgg agaatggaga tggggacaag gagaagacag gagtgcgatt     540
ccccta                                                                546
```

<210> 492
<211> 426
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(426)
<223> n = A,T,C or G

<400> 492
```
gactgaggtc ttgtccaata aacatgtggc tcctgaccac ctactacaga tatgccagcg      60
catcggtccg atgctggata aggaggtccc gcccagtatc tcaagagtca cttctttgct     120
tggtgcagga aggcagtctt tgctacgaac agcaaaaggt accttaattt gaagaagtgt     180
tgngctttgt attagtagct tacattgcag ttgggaagct gtgtaaacac cgtggaaggt     240
ttgcagtgcc atggactgac tatacacttc tctgcattag tgnaagatct ccgaatttta     300
nccatgcgct tgatgggtcc tcccntttca naaaacgtaa aatgttaagc ctgaaaagct     360
tgnagttnaa catggggctt ggaggtttta tcaanggnga gtncttaatt tttttccatt     420
ttggaa                                                                426
```

<210> 493
<211> 478
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(478)
<223> n = A,T,C or G

<400> 493
```
ctgaggatcc actgaccttg anccactcca aagctctctg gagtcagaat cagctggctt      60
cctctagccc cactccagga tcttttcccc agggcactga aagcctcagc ccttggcaga     120
tangaaacgt ctgggcaagg gtnnacaggc acactggcaa cctgtgtgag taangagcgc     180
acactgaact gcccatnnca ccaacaccct cctttaccct ctcctgntcg ctctnggccc     240
tattcttgct ntgtgtgtgg aaagaggttt tcactcaagc atnagatgga gacacattac     300
cgagnccaca caggagagaa gcccttgtcc tgtagcccta tggtcctcag cgctcncggg     360
atttctctgc catgaccaag cacctgagga cacatggggg ctgctcccta tcgatgccct     420
ctgtgcaggg atggctgccc tagcctggcc ttcatgnagg ngcacatgcg tgggcact      478
```

<210> 494
<211> 454
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(454)
<223> n = A,T,C or G

<400> 494

```
attgaggaac agaggttaca cctgggcccc gagaggctct ggaaactcct ccccaagcac      60
aaaacccaac tgtactaagc tttttgtgag ctatttcagc ccagaatggc tgtggaatcc     120
agagcaattt caacctttaa aacctcagga ccatcaagaa gaattaatnc tagtgaaaat     180
ngaagatagt agcttttctt gaagtcagan atgtaaacag aatgggagng cccaaatctt     240
gccnggaatt atttcgccag caattcagga agttttgcta tcatgaaaca ccctagggcc     300
ccgagaggct ctggggcgac tccaggaact tttgccatca gnggnttaat gccagagttg     360
cacacaaagg agcagatcct anaactgtta gtgctggagc nagtccctga gcatcctacc     420
tgaagagctg aagatanggg gttcaacaac atgg                                  454
```

<210> 495
<211> 104
<212> DNA
<213> Mus musculus

<400> 495
```
ggcctctcag ccccaagaaa gaccgtgtga atcattgtct aacaatatgt gaaaacattg      60
tggcacagtc tctcagaaaa caaagaagaa gaagaagaaa aaaa                       104
```

<210> 496
<211> 272
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(272)
<223> n = A,T,C or G

<400> 496
```
actgattcgg tattctaaag aaatggaccc ttccttccaa atgagaactg catatggacc      60
acaggacatc tatacagtga aagctgtgct tctggggctg gagagatggc ttgaaggtta     120
agagcactgg ctgctctctc agaggaccca ggttcaattc ccagaaccac atggaagctc     180
acaactttct gtaactccgg ttccagggga cccggcgcac atgcaggcaa aacgccaacg     240
ctttagaata aaantaatta aaagagaaaa aa                                    272
```

<210> 497
<211> 102
<212> DNA
<213> Mus musculus

<400> 497
```
gactgaggtt agattcagaa caagaaagtg gacatatcca aggtctcctc caagtgtggg      60
tccaaagcta atatcaagca caagcctggt gaaaaaaaaa aa                         102
```

<210> 498
<211> 349
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(349)
<223> n = A,T,C or G

<400> 498
```
ctctgcacac tactgaactg gaccgangnt atatccagga aacgcttgta agtggatcga      60
gctaccactg ctgcctccta tgaactgaac tgatgatttc ctgacaangc agatgggatn     120
tactccaaag ancaactgct aaacaggncc acttccctgg tatcctanta acctttcttt     180
tntactcgct ctggnggatg atgggctana nggaaggtta nagcatttaa gancctatna     240
naagagccgg gngtggnggc acntgccntt natcccagna ctanggaggc agaggcnggn     300
ggatgactgn gtttgaggcc ancctggngt acagagagag tgccaggac                 349
```

<210> 499

<211> 413
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(413)
<223> n = A,T,C or G

<400> 499
ttatctcagg ccggtcctgc cccggggggac ctgctcctca acgacatcat ggtgnccctg   60
gnccnacctt cttncgccag caggatgggc tgctacgggg tggctacnag gcacaggaac   120
cgctctgccc ggctgtgcca ccgaggaagg ntgtcccagg cantagcttt acctatgtca   180
ntgaggactt ncggacagag nctcctccca gccccagcag agatgttgaa gatccccggg   240
aacatcaggc acacaatgcc cacctccgtg ggcccccacc aaagctcatc cctgtntctg   300
gaaagctgga gaagccttgg ntgncctgna actaactggg cagaccaggg ctgncctgna   360
nctcacagag atctgtttgc ttntgcctcc cgagggctag gataaaaggc att   413

<210> 500
<211> 265
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(265)
<223> n = A,T,C or G

<400> 500
gactgagatt ctccaaacac atagataaac acanagatcg anaacaccgg cataaggagc   60
acatgaagga taaggataag gaccgggaaa agtctaagca tagcaacagt gaacataaag   120
attctgaaaa gaaacacaaa gagaaagaga aaaccaaaca caaagatggc agctcagaaa   180
aacataaaga caaacataaa gacagagaca aggaaagacg aaaggaggaa aagattagag   240
ctgctgggga tgcaaaaata aaaaa   265

<210> 501
<211> 377
<212> DNA
<213> Mus musculus

<400> 501
gactgagggt tcttaaggcc cgccccgccc caagccccac ccacagcgct ggccccgccc   60
accatgtcga tgaccatctt gcgcaggctc tgccgctggc gcttgctgag gttctggaag   120
atgtcgcagt tctcttcttg cagcagcttg aatcccacag ccaggtggtg gttctcaagc   180
acagactcat cgttgtacat caatgccagc tccgaatctg cagagtacca cgtggtacca   240
cctgggtacc aagccccgcc ccgtgcgcgc ccagtctcca gttggcttca ttttcagact   300
gactagtccc agcccccctcc tctgccacat cggtgcttca ccaaataaac caagcatcag   360
gcgcctaaaa aaaaaaa   377

<210> 502
<211> 325
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(325)
<223> n = A,T,C or G

<400> 502
gaactgagag ctcttccctg ctcttctggn cagccagtgt gtgcagaatg ccccacaaga   60
ttggatttgt agtggtcagc tcctctggac atgaagatgg cttcagtgcc cgagaactaa   120
tgatccacgc accaaccgtc agtgggtgga gatcaccaaa gtaaggctgg gctgagggt   180

129

```
gggcatgaga gcgcatctct gagtgaatac atggtgggct ttacacctcc tggtccaaaa    240
acatgaaatg catgtctaga cagctatatg gtatatttca gtgaaaacta aattaaatca    300
ttaaaattaa agtacaaaaa aaaaa                                          325


<210> 503
<211> 257
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(257)
<223> n = A,T,C or G

<400> 503
gaggttcctg aaggcttcaa aggaaacctg atagaggagg ctcaatggcc ctgagtgaag     60
atgaggctga ggcagaagtg tctgtcaaca caaaggtccn atcctgtggc aagatggagg    120
aanacaggcg ttgctgcctt ccaggancta catnacagct nttcaatgcn ttctggaact    180
ataactgtac tnntcatgca caggaggntn nacantgnan nacttccntg ctaccnctgt    240
gatccatgtg aggtgtt                                                   257


<210> 504
<211> 152
<212> DNA
<213> Mus musculus

<400> 504
tgtgtgcaca gctgcccacc cagtactgga cagcatcagc atcattgaca ctcctgggat     60
cctgtctggg gagaagcagc gcatcagccg agatttattt attattatac agtgtactat    120
ataataaata aataaatctt taaaaaaaaa aa                                  152


<210> 505
<211> 395
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(395)
<223> n = A,T,C or G

<400> 505
acactgcaga ggaaacccga attgcttggt tggcattggc gagcacattt ggttaggaga     60
gatagatgag aatagttttc atagcattga tgatcccaac tgtgagagga ggaaaaagaa    120
ttcctttgtg ggcttgacta acctgggagc cacctgctac gtcaacacct ttctccaggt    180
gtggttcctc aacttggagc ttcggcaggc gctgtactta tgccccagca cctgcagtga    240
ttacacgaag ggagatggga tccatggggg aaaagattat gggcntcaga cttgnnnnna    300
ncatnttaaa aacttgttag ctttgttgca aaacaagtaa caanacgata catnggatcc    360
ttcaggattt gttaaagcct tgggcttaga tactg                              395


<210> 506
<211> 475
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(475)
<223> n = A,T,C or G

<400> 506
tattggttac cgtcagagct agantcccat cactgtcctt caaaatgcaa tggaatgtac     60
cacggactat gtctcggctg gcactcagga cattcgtgga agcacagaaa gccaggctct    120
```

```
ttgatcacca ttggcgcata aaagggccgt tacttgtgca tagaggtgaa tacagagttg        180
gcttggacac cacaccttcg aaagcagngg ctacatttat ctgctgntca gtgccttgca        240
nagnaaagga atctcttaaa tgctcaagcc gcgctaagtt ggggaccctt gcgccaggaa        300
acgaagggag nngnacattt tattccaana gggtttttat cttccagntc cacatcccag        360
ganactncat cagaaaanga aggnagaaac cnggacnctt tacaanacaa cttctatcag        420
gnctgtatca accggtntaa gaaagacatt tagacaatta tgggaaaagt tggta            475

<210> 507
<211> 487
<212> DNA
<213> Mus musculus

<400> 507
gactgagata ccattaacaa ggacactaag gttcccaacg cctgcttgtt caccatcaac         60
aaagaagacc acactctggg gaacatcatt aaatcgcagc tgttgaagga cccgcaggtg        120
ctgtttgctg gctacaaagt ccctcacccc ttggagcaca agatcatcat tcgtgtgcag        180
accaccccag actacagtcc ccaggaggct ttcaccaacg ccatcacaga cctcatcagc        240
gagctctccc ttctggagga gcgattccgg gtggccatca aggacaagca agaaggaatt        300
gagtagcagc tgaaagaagc gttgcttagt ggctggaagg ctggcacata ctcctcaggg        360
cccttcagtt taccacatgg cgacagccac tctcagctct ctagctgggc acgggctct         420
gccccattct gtacatagac tgttgttttc ctaataaaag cagagcagaa aatgggaaaa        480
aaaaaaa                                                                  487

<210> 508
<211> 455
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(455)
<223> n = A,T,C or G

<400> 508
gctggaatta cagtttccca ccgttcgtgg ctcagattgg gtttttgaag ttgatcaagg         60
agccacggcc tncagcacag ccctactgcc agcaccatca gaggttctga accaccccgg        120
gaacgctcaa ttggggatgt caccacggca ccatcagagc ctctccatcg cccagatgac        180
cacaatttga ccaacttaat cattgaacat ggcggtaagc catctnggaa ggccttccca        240
gtcctggaca ttgactaccc tcacgtgcgc acaccctttg agatctccct ctggattctc        300
ctggcctgcc tcatgaagat aggtaccgag cctgctggct tgccgaagcc tcctgcagtc        360
ctgcactgaa gaaccatctn ctccctccaa gctgcttttn ttttcctttt gccttttttcn      420
aaanatcnat tttattttat atatatgaag catcc                                   455

<210> 509
<211> 514
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(514)
<223> n = A,T,C or G

<400> 509
agaccagtgt ctcttcacca gcacccagng taaggtctgc tgngccatgc tgatttctga         60
gtctcagaag ctggcgcatt accaggtagg caatttctac tgtcttcgtg cgcttacctt        120
ccaggcccag cactaaggcc tcgctgcttc tgccttacac agtanaagct ccttgcacag        180
ntaccagatg tttccttcat acgtgtttgc tagggctnga aattgactta gtttctgtga        240
ctgncatctn gcccatgcaa gacagtatcg ttgnatgcan atcttgccgg acaacgtgat        300
gcantaggaa gtntgagctt tggctttacc tanaccagaa tttgaagcca accccgttat        360
tcattgnagg caagaaattt caccatactt ggccttagct tcatcttgta cacaatanca       420
gtgttntcat agattgtngg aggctaaatt taatagcatg taaagggcct agcacatggt        480
agggactcaa taaataaagt tttcttcccc caca                                    514
```

```
<210> 510
<211> 157
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(157)
<223> n = A,T,C or G

<400> 510
atgtgttctt ataagcacac acagnggctc acacctgtng gcccgttctt gggaagnaga        60
ggtgggaaga ttgctgtann tnganaccaa cctgggctaa gnacattana gggaccctcc       120
tttaaaaggg gaanntatnt tcctcattgg aagaaca                                157


<210> 511
<211> 444
<212> DNA
<213> Mus musculus

<400> 511
gactgagctt cctcattgtt ctggtctgcc tcatcttcag tgtcctgtcc actattgagc        60
agtatgccgc tctggccacc gggaccctct tctggatgag gacccatgga agacttctga       120
agccgatcac ccatggagct cctattaaaa gaaaggacat gcatgcctta cactattgag       180
acagatgtgg gtgttctctg atccgaactt actgcaaggg ctgctagtgt ttgcctggca       240
tacatgaatc cctgggttca atctccagtc tgtataaact gtgcacagtg tacacacctg       300
tgatcctagt gctgggagat gaagagagag aggagcactg gaaggtcaag gttatccttg       360
gctacataga gtttgaggtc agcccaggct ccatgagact ctgccccagc aatagcaaca       420
acaacaataa caaaaataaa taaa                                              444


<210> 512
<211> 508
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(508)
<223> n = A,T,C or G

<400> 512
gaactgaggc cctgancttn atcatcttct tngcttcacg gcctccatct ctgcctacat        60
ggctgcagcg ntgctagagt tcctcatcac actggccttc ctcttcctct acgccacgca       120
gtactaccag cgcttcgata ggctcaactg gccttgtctg gacttcctcc ggtgtctcag       180
cgccatcgtg catcttcctg gtggtctcct ttgctgctgt gacctcgagg gagggagctg       240
ccattgctgc ttttgttttt ggcatcatcc tggtctccgt cttttgcctat gatgcattca     300
agatctaccg aactgagctg atgcccagta ccactgaggg ggaccagcag tgattccagg       360
gttacctggc tcccacgacc agacacaagg aaccgnggag cccatctttg tcatctttga       420
attcaccgaa ccccaagtac ccaccatcta tattccacgt tttcaganat gngcgcttga       480
naagncccag gcacctgggg gaactggg                                          508


<210> 513
<211> 424
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(424)
<223> n = A,T,C or G

<400> 513
gactgagttt taagctataa cattaatcat gagtgaccaa atcaaattca tcgtggacag        60
```

132

```
cctcaataag gagccttta agaagaatta taacttaatc acatttgatt ctttgggacc      120
aatgcancta ttgcaagttc tcaatgatgt cctggctgag attgacccca agcannatgt      180
tcatatcaga gnggnnatgc cagagcagac ngccaaacga ctgatgaatc ttcttggtnt      240
ccttncgnac aaacctccgg gaaatgccac ngacatgagc nccttccgtc angncttggt      300
gattggaagt aaacctgtna ttaacccagn gctccactgg cttcttcagc ggagtantga      360
actaaagaaa agggnntatt tagctngttt cttaataaaa ccggaggtgc caagtgagtt      420
tctt                                                                  424
```

<210> 514
<211> 310
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(310)
<223> n = A,T,C or G

<400> 514
```
gactgaggta caccaggggt tggaaaacca cactaggcaa agaacttgca tcaagatcag       60
gcctgaagta cgttaacgtg ggagatctag ctcgagaagg gcanttatac gacagctacg      120
atganganta tngntgnccc atnctaaana aggatanggga tgcacnatna gttngancat     180
ctcctgcagg atnggcggga ttgnttgtng attacccacg gagtganact tcttnnccna     240
ncgctgggnc tatntantgg tnagcagtca gtgancagat gatggtgtat tgtataacac     300
gacttgctac                                                            310
```

<210> 515
<211> 353
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(353)
<223> n = A,T,C or G

<400> 515
```
gactgaggga aagtcatgga ggcttcagga tcttcttccc agtctcaaga cagtggtgga       60
gtccacaggg aaacggaaga tcactgnncc gaccatgggg ancacggaan atnaagggaa      120
ngcccntgag cnatatanna nagacaagtc ttcctcttca tcctcatnct cntcatcttc      180
ttcctcctct tcctcctcat cttcttcctc ctcctcagac agcagcnatg aggaccagcc      240
ctccnnaggt cccagganac acanaaggag gccccncagg gacagcttgc gtggtgccga      300
ccatggggaa ctggaagtgc taaaggacga gcttcagctc tgcggaggtg gtg            353
```

<210> 516
<211> 535
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(535)
<223> n = A,T,C or G

<400> 516
```
actgaggatc cttccttgat gacctcgagt ctatggagga gtccatgtct cggagcctgg       60
gcaagcctgc cnagtcctcg aagcagnacc tgctggcagn tcatcctcgn aatatgaggc      120
gctggatcgg gagcttccgt gtatcacnaa aattctcana accnccctct gcccancccc      180
tctgcctttg catggagact taggaagact ttacacacgt ggaggcgctg caggctttgg      240
aggtcganct gnccggngnc atggaaagcg ggcgcgttaa cagtattcgc tacganaata     300
tgaatgtcat ctgnggnact gcgggccgna gggacaggng gctnatcacc gtcacagact     360
tccagacgcg gtcacgcctg ctgcgctccg ggctcaccct ccgtggaacc gngtacccac     420
tggtgcgcca cgacgattta ctgctggggg actaccgttt gcacctgcgc cgctctntgg     480
```

133
```

nncnaaaggc gcatgctcga agccctcggg gnggagcctg ccgacgaaga ttgac          535

<210> 517
<211> 353
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(353)
<223> n = A,T,C or G

<400> 517
gactgagact cccttaggtg ctaatcattt aactgcaagc atgagtggat taagtctgca          60
tccagaggga ctaagagttg tcaatcttct tcaagaaagg aacatgcttc cttccacacc          120
actgcagcct ccagtcccaa atctgcttga agacatccag aaactcaact gtaacccaga          180
gttgttccga tgcacgctga cgagtgtccc tcagactcag gccttactga ataaagccaa          240
gcttcctctg gggctgctgc tccacccctt caaggaccta gtgcagtngc ccgtggncac          300
ctccancaca nttgggagan gccgntnatg caggacttac attaacccttt tcg          353

<210> 518
<211> 348
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(348)
<223> n = A,T,C or G

<400> 518
tctgagcctt ctggccgggg ctccccgggn cctcgctgtg ggtgatgact ataccaaccg          60
gactggtgct gtgtacctgt gtcccctcac ggcccacaag gacgactgtg aacggatgga          120
catttcagag aaaagtgaga cgagcctgag ggcagagcta agtcgggagc ctggcagagg          180
gggcccaaag gggagatacg aggttagctt gttagggagg caacatttga agctaagggg          240
aaaagacagc gagatcaagg ctagatctac tatgggctac atagtgggtt gcagaatagc          300
ttgagatgta aaatggagat cctggctcaa aaagcaaaac aaaacaaa          348

<210> 519
<211> 365
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(365)
<223> n = A,T,C or G

<400> 519
gactgagatt tgccgagagg ctgagttctc tataggaaca cccacatttg tatggatgag          60
tggggaaaga tagctgcagc agacaaggaa aaagcgtcct gacctcccga gaacatgagt          120
atgctaaaac ccagcggcct gaaggcccct accaagatcc ttaagccggg aagcacagcc          180
ttgaagacgc ctgctgctgc tgcagatcca gnggagaaga caatacccag tgagaaagcc          240
tcgggccctc catcctctna gaangntgat gaaaatgata aattttnctc tggagtagaa          300
naaantggga gtgatgagcc agccttcgtg tattacatga atgatggtgt ttatggttct          360
tttgc          365

<210> 520
<211> 165
<212> DNA
<213> Mus musculus

<400> 520

134

```
gaggacctga accaggcccc ccaaccccaa gcagatgagg ggcctccagg ccgctccatc     60
ggggggatct cacccaacct gggtgccttg gacttgctag gcccagccac tggctgtctg    120
ctggacgatg gactggaggg cctgtttgag gacatcgata cctcc                    165


<210> 521
<211> 230
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(230)
<223> n = A,T,C or G

<400> 521
ctgggagtgt ggcaggaaga agagctactg natgcatggc tacattaggg nnngaaaatg     60
agttgngtna acactaagac cagggtgcct ttcngaagga agatcttnaa ctaaatatga    120
atgagggnnn naanttttttt tgtaattata aatgggagaa naaaatttat gaaatgtntg    180
tcatnagcac attgattata aatgtctttc tgtnggaaaa aaaaccattg                230


<210> 522
<211> 218
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(218)
<223> n = A,T,C or G

<400> 522
ggtgcaagcg tctcctgatg aaatgtattg tgccccactg ggctccaaag gcagnatctg     60
gcgctgttga tgcccttgtt ggaactttcc agagtcctaa gcccccccatg ctgtaaatag    120
tctggtcgtc agagtaggga ggagcccggg cttctgttta tgtatgtatt tatttatttta   180
ttatttattt attacaccta ataataaaaa ggtgctca                            218


<210> 523
<211> 427
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(427)
<223> n = A,T,C or G

<400> 523
gactgagctc ggattgggaa aatgaacgga ggaagcaaga tgaagggcag ntntgtnccc     60
tgtgcatccg tcccctggca ggatcgganc aggagatnan tanncatgtg nagcactgcc    120
tggctaagag ggaaggctcc tgcatggctn aagatgatgc tgtggacatn gagcatgcgg    180
acagcanccg ctttgaggaa tatgagtggt gtgggcngaa gcgnatacgg gccnccacac    240
tcctggaagg tgnnttccca ggtataaagc nnntganaac ttgggtggtg gnactcnggn    300
naccaggcca cttctgggan cnggacannn tttccaccac gngggagctc ttgctcgtgg    360
ggctcctttg ngaccgngct gcccgcctgt gatgtgcata ttaaagnggn tgtatttggg    420
tggggaa                                                              427


<210> 524
<211> 452
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
```

135

<222> (1)...(452)
<223> n = A,T,C or G

<400> 524
gaactgaggg atagcgtggc ccagtcgtct tctttgtgga ctatgcagtc taactgctta   60
tatatggaag aaatcgaaga ctcggtgact gttcgggatt atatccaatc cactatggag   120
actgaaangg acccccagng cctcttggac ctggccagga ggatggngcn ggttcttggc   180
cggaatgcac gancaagacc tcattcacgg ggacctcacc acctccaaca tgctcctgag   240
gcggcccctg gcgcagctgc acatcgtgct catcgacttt gggctgagct ttgtctcagg   300
actgccggaa gataaaggcg tcgacctcta tgtcctggag aaggccttcc tcagcacgca   360
cccccacacc gagaccgagt ttgaagcctt tctgaagagt tacggggcct cgtccaagaa   420
gtccagtcca gngctgaaga agttagatga gg   452

<210> 525
<211> 466
<212> DNA
<213> Mus musculus

<400> 525
actgaggtcc cttaggagga accccttgag ctcccggtct aaaacacgtt atcgccagtg   60
tgagggctaa atggtgtgat aacacccaag agccaggaaa tggcaacagc cttggagcca   120
gaggaccaag atctttggga agaagaagga gttctgatgg tgaaactgga ggatgatttc   180
acgtgcgggc cagaatccgc cttggagggc gatgatcctg tactggagac ctctcaccag   240
aacttccgac gctttcgata ccaggaagca tcaagccctc gagaagctct catcagactt   300
cgagagcttt gtcatcagtg gctgaggcca gagaggagaa ctaaggagca gattcttgag   360
ctgctcgtgt tggagcagtt cctcactgtc ctgcctggag aactgcagag ctgggtgcga   420
ggccagcggc ccgagagtgg cgaggaggca gtgacgctgg tggagg   466

<210> 526
<211> 162
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(162)
<223> n = A,T,C or G

<400> 526
tgcaccatac atccgagagt ttcgaggacc ctccganatg ctcactccta nancaagagc   60
agaaacccgg gaagaacgca tggagagaaa gagacgggaa aaaannggcg gcgacagcag   120
gaagtggaga cagagctgaa aangtgggac cctcacaatg at   162

<210> 527
<211> 380
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(380)
<223> n = A,T,C or G

<400> 527
gactgagttt gtgaagtgtg gatatgcagg ctctaatttt ccagaacaca tcttcccagc   60
tttggttgga agacctatta tcagatcanc caccaaagtg ggaaacattg aaatcaagga   120
ccttatggtt ggtgatgagg caagtgganct gcgttccatg ttggaagtga actaccccat   180
ggagaatggc atctgtgcgg aattgggatg acatgaagca cctgtgggac tacacatttg   240
gaccagagaa actcaatata gacnccagaa gctgnaagan tttacttaca gaacctccca   300
tgaatccaac caaaaacaga gaaaagattg tnnaggaatg gttgaaactt accanntttt   360
tgggtgttt gaacccttca   380

<210> 528

```
<211> 314
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(314)
<223> n = A,T,C or G

<400> 528
gctaaacctc taaatgtggn cgcacatnct caattaaang gttanngttt nttnnatann        60
tgnccttggg cagttactat gagctacagg ntctgcctca tctagtcctc cgcatacagc       120
ggggagggtg agacttgggg atgcgcccac ctcaggccca tgcatcacca gatgggctct       180
cacatgacca ttacacacac tgatggtgac actgtatcag aaagccactc agctttgcct       240
tttaactaaa tctggacctg cttgccacaa ctatgtaacg naagcctcta actactaatt       300
tctgaagaga agct                                                        314

<210> 529
<211> 315
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(315)
<223> n = A,T,C or G

<400> 529
actgagagaa gaatggaggg cagtggaaag ctcgcatggt agaggatgct gtggagtacc        60
atctcttcct gataccagat aaagccagag gcacagaaga gcacagagag attcttcaga       120
agtacatttg aacggataat gacccagttn gnacccatac tgggancctt tatatctggc       180
agaatcagcc tttcaatctc aaatacaagc ctgcaaaagg gaggtgttcc tgctcatatg       240
tacggnatga caaagttttg gagataacat tgaggatgaa tgggcntatt gtttatgtaa       300
taaaggcaga ttaca                                                       315

<210> 530
<211> 278
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(278)
<223> n = A,T,C or G

<400> 530
gactgagatg ctgtcacatc tggagctgac tcttcaggca tccaancaaa atggcacgga        60
gacccaggag gtgttcctgg tcctcgtttc gaacaaaaat gtcttcgtga agttccaggc       120
cccggaaatn ccattgcact tggcctacga ctccagcctg gtcatcttnc aaggacagcc       180
aanagtnaac atcacagtgc taccatccct tacctccagg aaacagatcc tcgactgggc       240
agccaccaag ggcgccatca cctcgatagc agcactgg                              278

<210> 531
<211> 409
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(409)
<223> n = A,T,C or G

<400> 531
```

```
gactgaggtc caagcatgga aagtcataaa ccangnacta gcaaagatga tttaatactt    60
aatatcatat ccagaaaaat taaacaactt ccagantcag acaggaatct gcttgaatat   120
ggatcancat atatnggact taatgctgct tttgggggcc taataccana cagtctattt   180
cggcgaatct tgaacgngac acaagctcga ttagcttcta gcttaccaat ggctgtgatc   240
ccatttttga cagcaaacct gtcctaccaa agtcttgtaa gtttaccttt gagtacaggt   300
gatttgaact gtgaaacctg taccacaaca cggggtgcac tagttggttt ggttatgggt   360
ggtctgtacc ctatcctttn ggctataccc gnnaatgggg gccttgctg               409
```

<210> 532
<211> 489
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(489)
<223> n = A,T,C or G

```
<400> 532
gaactgagtg cccaagatgt atgcagtgtg atgccaagtt tgacttcatc accagaaagc    60
atcactgccg ccgctgtggg aagtgcttct gcgacaggtg ctgcagccag aaggtgccac   120
ttcggcgcat gtgcttcgtg gacccagtgc gccagtgtgc tgactgtgcc ctggtgtccc   180
accgagaggc ggagttttat gacaagcagc tgaaggtgct cctaagtgga gctaccttcc   240
ttgttacttt tggggactca gagaagcccg agaccatggt ttgtcgtctt tccaacaacc   300
agaggtgctt ggttctggat ggggacagtc atcgtgaaat cgagattgca catgtctgta   360
ctgttcagat tctcacagaa ggcttcactc ctggagcagg cancacccga gccantggca   420
tgctcctgca gnacacagtg ccaggggcag aggctgcagc acagctgang ctgatggccc   480
ggagaggac                                                          489
```

<210> 533
<211> 292
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(292)
<223> n = A,T,C or G

```
<400> 533
gactgaggct gactcatgcc gatctggctg aagcctggct gntcctgcta ggtcgtcgtg    60
ccactactac tgctatcccg acgctactga actggactgc tagtatattc atgaagtgtt   120
ttcaagtgga tccagctgcc gntactgacc agtgaactga actgctgatt tcctgacaac   180
acagatgaga tttgctccaa agaaccattt ctaaacaggg ccacnncctc catatcctaa   240
tagcctttct tttctacctt tggngggtgg tgctctataa gggagggtaa ac           292
```

<210> 534
<211> 147
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(147)
<223> n = A,T,C or G

```
<400> 534
gggagacctt ctggtagttc tgttctgggn cccttancca gagttccacc agccacaccg    60
gtggntcgaa tgtntgagca gagnaacgtg aactccgagc ctgaggagga ggaaggaggc   120
ctggaagatg aagatggaga tgatgat                                       147
```

<210> 535
<211> 487

138

<212> DNA
<213> Mus musculus

<400> 535
gaactgagag ggttcccctt gcaagcatat ccaggcggcc cttgtcccac cattgcataa   60
tataagctac atcgtggata tgatctaggt cctcggagtg tctgttctca tgctctggac   120
cagactgaga atagaaagga gcctggctat ctgagagatc ctgtcctgca actggctgtt   180
ctggggctag aggatgtgga cgtgaccatg gactacactg gtatatattt ggtagaggac   240
agctctgctg aaaaatattc tactgtgcac aagaactctc aaaagaaagt tatctggggc   300
tggaacattg gcagctaaga gcactgactg ttcttcggag gtcctgagtt caattcccag   360
caaccacatg gtggttcaca accatccgta atgggatctg atgccctctt ctggtgtgtc   420
tgaagacagc aacagtgcac tcacatgtat atgtaaaata aataaataca tctttaaaac   480
aaacaaa   487

<210> 536
<211> 132
<212> DNA
<213> Mus musculus

<400> 536
gactgaggtg tgcgccttga ccgagttcga ggaggccgcc agaagtacaa gcgacggctg   60
gattcggaga acagccccta cctgaacctg ccgatttccc cacctgctaa aaagccattg   120
aaaataaaaa aa   132

<210> 537
<211> 486
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(486)
<223> n = A,T,C or G

<400> 537
gactgagcct agtcattgtt ggctacgagc aatggtaata caattatcac tcagcttgac   60
tactcttctg dacaagttct caaatatttc tgaaggcttg agtaattact ccatcataga   120
caaacttggg aaaatagtgg atgacctcgt gttatgcatg gaagaaaacg caccgaagaa   180
tataaaagaa tctccgaaga ggccagaaac tagatccttt actcctgaag aattctttag   240
tattttcaat agatccattg atgcctttaa ggactttatg gtggcatctg acactagtga   300
ctgtgtgctc tcttcaacat taggtcccga gaaagggaag gcantcaagg nntcnntgga   360
ntactgnnna cagtgagatg gaacnntnnt anncttnccc tgctggatga ncngaatgtg   420
tngctannga aagaantngn gggactttnt gctacaaagg tctncgcngg ctcgggactg   480
tcctta   486

<210> 538
<211> 174
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(174)
<223> n = A,T,C or G

<400> 538
gactccacag gaggcctaca nacagngggc tantccagcc acgctctang aaccatnaca   60
aaccnttnct ctttataaga aattggctca ngcattaccg atgaaaagct gtgtaacaca   120
ggctttgagg cataaaaccg atttctatta aatgtagaaa caaaatgaaa aaaa   174

<210> 539
<211> 339
<212> DNA

139

<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(339)
<223> n = A,T,C or G

<400> 539
gactgaggtg acagtacaga naagtaccac aaacgttatc caggcanctg actgacatgg   60
tgagacagct tgtagacgat gtcaagagcc ttnaaacgca nagacccaac ttgngatctg   120
gacaggacaa tgcacaaggc accccaccca cggctggnna gatggctcag cgattannan   180
cactaactgc tnttctgaag gtcctgagtt caaatcccaa caaccacatg gtagttcaca   240
accattccta atganatcag atgcactctt ctggtgtgtc tgaagacagc tacaatgtat   300
tcacatataa taaataaata aatctttaaa aaaataaaa   339

<210> 540
<211> 531
<212> DNA
<213> Mus musculus

<400> 540
gactgaggtt ttaatgtgga aacagtagaa tataagaaca tttgtttcac agtatgggat   60
gttggtggtc aagataaaat taggcctctc tggaggcatt acttccagaa tacccagggt   120
ctcatttttg tggtagatag caatgatcgt gaaagaatcc aggaaggagc agctgtgctg   180
cagaaaatgc ttctggaaga tgagctgcag gatgcagtgc tgctcctttt tgcaaacaaa   240
caggatctgc caaacgctat ggccatcagt gagatgacag acaagctagg tctgcagtct   300
ctccgaaaca gaacatggta tgtccaagca acttgtgcta cacaaggaac tggtctgtat   360
gagggactgg attggctgtc aaatgaactt tcaaaacgtt aaatgaagct ggatatctaa   420
ccaaggacat gtttgataga attggtctag gcttgttaca acaaaattag tttgcatctt   480
ggttattaaa ggatatctga gacaggtttg ggcagaaatt acagcgttta a   531

<210> 541
<211> 158
<212> DNA
<213> Mus musculus

<400> 541
gactgagtta tatccgactt tatgggagaa aatttagcaa agaagatcat gttcttttta   60
ttaagttact gtatgagctg gtatcaattc caaaactaga aatcagcatg atgcagggat   120
ttgcccgtct cttgatcaac ttgttaaaaa aaaaggaa   158

<210> 542
<211> 398
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(398)
<223> n = A,T,C or G

<400> 542
cctcctgggc tggggttcgc tgctcatcat gctcaagtcc gagggctttt actcctacct   60
gtgtacgaag ccaggtgana tgggcgcctn nntcgggngc aggtttctgg agtggntctt   120
tgggagaggg ctgctnggtg gtgaanacgt aanccagnta tgcctgcttg ctgaacagtg   180
cctctangtg ccnnanngnc cattntgatc ctnanccngc tatctgtgtg cntnnnatna   240
tcatngtccc tgtttgggggn tggngaaact gaggctggga ccantcttcc nttntgccca   300
ngctgtgaga ctaatagact aatagactcc tgcgtgcngn cangaacgtt gntggccttn   360
tgntcttcca gggcctgcan cattgcttgc cttgcaaa   398

<210> 543
<211> 228
<212> DNA

<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(228)
<223> n = A,T,C or G

<400> 543
ctcacagcca cccatagacc anttncaatg agaggcatct gacccagcag gaaacgaggc   60
ctgctnaaca gagccttgga tatggacgat anggattaca gtgaggcccg atggcctgtc   120
ngataagnac caccccccagt aaggcccagn aagtcncctc nagaagaatt gccaangaan   180
gtttcaanna gtagccntat gccngngtca cccttgcttc gaaggctt   228

<210> 544
<211> 253
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(253)
<223> n = A,T,C or G

<400> 544
gactgagatt ttcagaatga tcaactagnt gaaatatctc cattgggtac tgaggaagtc   60
tcagcagtta gccaagcgtg gtttacaact aaagaagata aggattctct cactaacaaa   120
ggacataaat ggaagcaggg gatgtggtcc aaggaagaaa ttgatatttt aatgaacaac   180
atcgagcgct atctgaaggc tcgcggaata aaagatgcta cagaaatcat ctttgagatg   240
tcaaaaaaaa aaa   253

<210> 545
<211> 371
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(371)
<223> n = A,T,C or G

<400> 545
gactgagact aaaatgtcaa aaagaaaatg gctctgttag cccaacagtt acccagacgg   60
ttcaactcag ttaagttgac tagcttcatt aaagccaaac aagtcaccaa acgctctgca   120
agagcaggaa aagccgtgtt gcccggcttc tcagctcagc ctctgctctc ctctgacacg   180
agctttctcc ggcggggaat taagacttac aggactttgt tctggaatcg tttccattct   240
gccagcacaa ataggacaaa gagttctgcc cgaaagcact ctgcttcctt cagnggntga   300
acagcaggga gaggatnctt agtcttgaat canagcttgc cttttggaag aagnggacga   360
cctgcctcca t   371

<210> 546
<211> 434
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(434)
<223> n = A,T,C or G

<400> 546
ctgaggcaca acccggtctc ccagaanagg agaagtgcct ggcgtggatt acagctttct   60
gactgtgaag gagttcttgg acctcgagca gagcgggacc ctgttggaag tcggcaccta   120
tgaaggaaac tattatggga cacccaaacc tcccagccag ccagtcagtg ggaaagtgat   180

141

```
cacgacggat gccttgcaca gcctgcagtc tggctccaaa cagtcgaccc ctaagcgaac      240
aaagtcctac aatgatatgc aaaatgctgg catagtccac ccggagaatg aggaggagga      300
ggatgtccct gaaatgaaca gtannnttta cagccgactn tggagaccag gacgagccac      360
ntctccaaga agcaccgcnt cccacctgtg aatagtagca tcctcgcttg ntcccatcac      420
gggacccttt ttaa                                                        434

<210> 547
<211> 221
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(221)
<223> n = A,T,C or G

<400> 547
atggatacta caatggtgaa tttgtggact ctgtttgagc agcttgtgcg ccggatggag       60
attatcaatg aaggaaatga aagcattgaa ttcatccagg ttgngaagga cttcgaggac      120
ttccnaaaga agtatcaaan gacccaacca ggagctggag aaattnaaag acctattgtt      180
gaangcagag actgngctgg aaccgccctg gacgttaaag c                          221

<210> 548
<211> 337
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(337)
<223> n = A,T,C or G

<400> 548
gatgacgtcc atatcttntc gnaagagagg gaatcagaag gtacttnngg gagaatagtg       60
atgcagcttt ncaccntcac ngcaatgaga ggattctgag gccttctgag nggaatcaga      120
gataccttgc caagtaatat gtaccagaaa aatggcttac atcatgggaa atacgcagtg      180
aagaaatcac ggnnaactga tgtggaagac cttactccaa accctaaaaa actacttcag      240
attggtaatg agctgcgcaa gctgaataag gtgatcagtg acctgactcc agttagtgag      300
cttcccttaa cagcaaggcc aaggtcaaaa aaaaaaa                               337

<210> 549
<211> 173
<212> DNA
<213> Mus musculus

<400> 549
gactgagagc tctgcacatc gagagactta aaaccacctg agatcatcag acaagtcaca       60
tacatgggac tttttgaatt attgccattt tgtattttta tcatgttatg tgtaaaagac      120
agtgcctatt ctgtgtttta ctgaatcaaa ttgacaatgt cagaaaaaaa aaa             173

<210> 550
<211> 164
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(164)
<223> n = A,T,C or G

<400> 550
atcttcctgc tccagcctct tgaatggaat gctgtacata gactccagac cagctcagct       60
acttcctcct atgctcttga cacaaatgaa cactgaccac aaatttctat ttgtacaatc      120
```

```
      tgtggatgtn ccaaaataaa ggaattggag ctgaaaaaaa aaaa                   164

<210> 551
<211> 105
<212> DNA
<213> Mus musculus

<400> 551
tttttttccac tattattgca tgcagattaa aacgttaaga gctttttcttt ccccttaaaa     60
attctgaatt atgaaaataa acatttcaaa tttcaaaaaa aaaaa                       105

<210> 552
<211> 203
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(203)
<223> n = A,T,C or G

<400> 552
cacagactga gtttttaagga cttcctgagc tgttntgagt tgttnactta tggatcttca      60
ctgcaagatg gactgttcca atctcagagg aactcttcca gaaacctgta tagactactt      120
tggccttgaa ctcctacagg tggncctgcc tttgcttcct agnggctggg attaaaggtg      180
tgtatcacca aagagaaaaa aca                                             203

<210> 553
<211> 407
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(407)
<223> n = A,T,C or G

<400> 553
atactgattc tctgatttcc cagtaatgcc actcagttgc caatatcaag caagcgcata      60
taagacactt gtaatctttt aagaaaagta gtacttctct tcacagtatc tggcggatca      120
acactggagg gtgaggtgtc agcttccaga aagatcatca tgaagttata tgtgtttctg      180
gttaacaccg gaaccacgct gacatttgac actgagctaa ctgtgcaaac tgtggctgat      240
nttaagcatg ccattcaaag caaatacaag attgctattc agcaccaggt tctggtggtc      300
aatggaggag aatgcatggc tgcagatcga agagtgtgta cttacagcgc tgggacggac      360
acaaatccaa ttttttcttt taataacaga aatgatctta ttgaaag                   407

<210> 554
<211> 179
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(179)
<223> n = A,T,C or G

<400> 554
gactgagata aaatcaaaga caaaattaaa gagaaagaca aagagagaag aagaaaaaga      60
agcatggnng tnatgannng agatcaagaa agaaaatgga gatgtaaaga ttttactgaa      120
aagtgggaag gagaaaccaa aaacaaatat agaagactta caaattaaaa aagtaaaaa      179

<210> 555
<211> 219
```

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(219)
<223> n = A,T,C or G

<400> 555
cgttgaaaca tgcccgtcct tcaccanact gagcttccac agcgcggtgg ttggtacagg   60
actctccgtg agactgatgc tctatacaca ngagaaacng ctgtcttcan ancaaacaca   120
aacaaangan agttttcttt ccttcctatt ggcgcaatcc atacttattn caggaaattc   180
cttaagacgt ntagatgtaa aatacaaaac tgtgcacaa   219

<210> 556
<211> 750
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(750)
<223> n = A,T,C or G

<400> 556
gcttacaggt ggtgcagaaa gaagtctggt cacaactggc tacagtgaac gagctgggta   60
ccccaaggac atcttaccag ttccagccaa agatctgatc tacgtacacc tgcgtcatgc   120
tgagaccctc aagcctcact aaaagggtcc ctgcctagtt ctgtttacta atctgcctta   180
ttctgttgtt gttcccatgt taaagataga gtaaatgcag tattctccac atagagatat   240
agacttctga aattctaaga ttagaattac ttacaagaag aagtggggaa tgaagaatga   300
aaaattactg gcctcttgtg agaacatgaa ctttcacctc ggagcccacc ccctcccatc   360
tggaaaacat acttgagaaa aaacattttc tggaacaacc acagaatgtt tcaacaggcc   420
agatgtattg ccaaacacag gatatgactc tttggttgag taaatttgtg gttgttaaac   480
ttncccctatt cccttcccat tcccccttcc agtttgnggg ntttttcctt taaaaagctt   540
gggggaaaaat ttttaagtcc gtcgtcgaga ctcctctacc ctgtgcttaa aggggtattg   600
aagtttcgac ccccanagct nttggnctgn ggnggctttc atggttggct ggntttattt   660
tcaaaccccc aanaactttt gggccnnggg gggctttaa tgnttgccta nctttaatta   720
aatcttaccc tttttacaat ttttaaaaaa   750

<210> 557
<211> 218
<212> DNA
<213> Mus musculus

<400> 557
agtcatgcag gaaaacctca gcatttgctt catcaggaga tgacgttaaa atatgggatg   60
cttcgttcct gacattggtg gataaattca accctcacac gtcaccgcat ggaatcagtt   120
caatctgttg gagcagcaat agtatccttt aaaaaaaagt aatcactttt tgttagtttt   180
caatgatctg tgcaactgtt ggcccataaa aaaaaata   218

<210> 558
<211> 223
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(223)
<223> n = A,T,C or G

<400> 558
gactgagggt cccttacant cccttaaaaa tccattctcc cttccttgct ccttgcagca   60
gtaacatgta tgagtaccat gcaccaactg atcgtgccat ggagctcct taaacagtaa   120

```
tcacaaccaa gctaggggaa catttgtatc cgataaaggg gtgggagtgc aggttttagg      180
cactcctttg ggagaacaaa gaaattaatg taaataaaaa aaa                        223


<210> 559
<211> 222
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(222)
<223> n = A,T,C or G


<400> 559
aattgtctct tgagttccac tgggaatgcc cagtctgggg ctgtgagaaa cactgtatca       60
aagagatccc ggctcagcac ctgagacaca ggcatgaggc ctgcaatggg acagagcaac      120
cggaactcct aaagactgtc ttccaaagtt gtgctggcc ttttgngggg aggaacatga       180
ctgtgtcatg gggaaaatgc atacatctgt ttttacttaa ca                        222


<210> 560
<211> 380
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(380)
<223> n = A,T,C or G


<400> 560
actgaggtag cccagagctc gagagctggc ttcctgacca tcagacaagc ttcgccaaaa       60
gtcttcacct aagcaaacag gagaaagaag ggnttctntg tgnnnccccg nctgtnctgg      120
ntctgactct gtacgaccgn cacaccnagc tggccttgaa cttaanagan ctgcctgcct      180
ctgtnctgac tgctggnatg gaagggatgt gccactactg agagcttgtt ttagtgctta      240
cancttgctn tgctgctaag ccagatgccc tgagtgtgat nctctagaat gacaaggtgn      300
gagagaacca attccccann ttatcctcac acccacacat gagntgcgnc aagtgctccc      360
acctctgaca ataaaaaaaa                                                  380


<210> 561
<211> 149
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(149)
<223> n = A,T,C or G


<400> 561
aggactgagg taaaatcaaa gacaaaatta aagcagnana gcacaaanag tagaagaaga       60
aaaagatgca taangtaatg antngagatc aagaaagaaa atggagatgt aaagatttta      120
ctgaaaagtg ggaaggagaa accaaaaac                                        149


<210> 562
<211> 126
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(126)
<223> n = A,T,C or G
```

145

```
<400> 562
gtctcgggct ggtgagtang gctcagtggg taagagcann cgactgctnt tccgaaggtn        60
cgaagttcan ntcccagcaa ncacatggct ggcgtcacaa cntccgtnn cgagatctga        120
cgccct                                                                   126


<210> 563
<211> 134
<212> DNA
<213> Mus musculus

<400> 563
atggattttc ctgtaaactg caagataacc gggacaccag tctcactcaa tcctttttgc        60
cgggaacccc ttcctcccta ttaatgcatg ataatgaata ataataataa gaatttcatc       120
tctaaaaaaa aaaa                                                          134


<210> 564
<211> 424
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(424)
<223> n = A,T,C or G


<400> 564
aactgagcct atcctctact cctatttccg aagctcctgt tcatggagag ttcgaattgc        60
tctggcgtta aaaggcattg actatgagat agtgcccatc ancctcataa aggatggcgg       120
gcaacagttc actgaggaat ttcagaccct gaaccccatg aagcaagtgc cagcgctgaa       180
aattgatgga atcaccattg tccagtcact gancatagnn ctngaccgng ganaaaactc       240
tgactnngng ncccgttnct nccttagnna cctaacntac gagcnatcnn gcgcatgann       300
gntnanctcn tnnctggtgg anngcagncc cttngaaacc tgtctgtcct gaagcaagtg       360
gcacaggaga accagatgca atgggcccaa anggtattac ttccggnttt aacgctctgg       420
aaaa                                                                     424


<210> 565
<211> 341
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(341)
<223> n = A,T,C or G


<400> 565
tttcagctca gttacttatg gcttccccta aaattgcttc cctctcttgg ggacaaatga        60
aagtgcaagg ctctacntta acctataagg attgcaaagt atggccagga ggcagtcggg       120
cttgggactg gagggaaaca ggaaccgagc attctcctgg agagcagcca gcagatgnaa       180
aggaagttgc tgagaaaggg gtacagactc ttgtgattgg cagaggaatg agngaggcct       240
tgaaggtgcc tccgtcgatt gtggagtacc tgganaaaca aggcattgat gtgcgcngtc       300
ctccaaacag aagcaggccg ngaangagta taatgccttg g                           341


<210> 566
<211> 439
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(439)
<223> n = A,T,C or G
```

146

<400> 566
caccacagac ttccaggaga gctttgtcac gtcaggtgtg ttcagtgtca cggagctgat   60
ccaagtgtct cggacacctg tggtgaccgg aaccggaccc aacttctcac tggggagagc   120
tgcagggtca cctggcatat gacctgaacc cggccagcgc cggcatgaga aggactctac   180
ccagcacctc ctccagtggg agcaagcggc acaagtcggg ctcgatggaa gaggacgtgg   240
acacgagccc cggcggggac tactacgt cggccaactc acccacgagt agcagccgca   300
actggacgga agacatagaa ggaggcatct catccccggg tgaanaagac agagatggac   360
aaantctcca ttnnacagcc cgtcccccca ggactccccc nggttntcca gcttnacaca   420
acaccacagg ccggtcatt   439

<210> 567
<211> 469
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(469)
<223> n = A,T,C or G

<400> 567
actgagcctc ctggtgcaag ctatatttaa tggtgatcca gatgaagtcc gagcactaat   60
atttaagaaa gaagatgtta nctttcagga caatgagaag agaacccctt tgcatgctgc   120
tgcctatctt ggtgacgcag aaatcattga gctgcttatt ttatctagga gctagagtta   180
atgccaaaga cagcaaatgg gttgacacct ttacacagag cagtttncat cgtgtagtga   240
ggaagcagtt cagatacttt tgaagcattc tgcagatgtt aatgctcgag ataaaaattg   300
gcagacccct ttacacatag ctgctgctaa taaagctgta aagcgccgct gaatctttgg   360
tacctctttc tgagcaatgt ggaacgtgtc ccgaccgagc anggaagaac tgnattacat   420
catgnagctt ttcagtgggc atgggcgana tgggcaaact actcttgtc   469

<210> 568
<211> 385
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(385)
<223> n = A,T,C or G

<400> 568
gtcttctagt aagaacaaag nctgangacn tgatctctca gctgcacnct aacctcctgg   60
gctccatgct gacctgtaaa gctgccatga agacantgat tcagcaggga gggtctattg   120
ttaatggggg aagtattatn ggtnagaaag gcacccgnng gccaactctg catacagtgc   180
caccaaagga ggactcgttg gnttntcacg ctcggttgct aaagaggttg cncggaagaa   240
aatgccngtg antgtgntgn caccaggatt tattcgcacg gatatgacnn tgacactgga   300
aggaaganca ctncnngana aacattcctc ttgggaggtt nngagaaact cntgagggan   360
cacatgccgt tgcgttttt tttag   385

<210> 569
<211> 303
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(303)
<223> n = A,T,C or G

<400> 569
gactgaggtg gggtctttcn cccaagagga ggaagaagag aacctacggc atgacaagcc   60
cccctacacc tacttggcca tgatcgcctt ggtaattcag gccgcaccct tccgcaggct   120
gaaactggct cagattatcc gtcaggtcca ggcagtgttc cccttcttca gggacgacta   180

147

```
tgagggctgg aaggactcca tccgccacaa cctttcctnt aatnggtgct tncataaggg      240
gcccaaggac cctgcaaagc cccaggccaa gggcaacttt ttggncgggg gatgggagcc      300
tga                                                                    303


<210> 570
<211> 532
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(532)
<223> n = A,T,C or G

<400> 570
gactgagatg gtggctcgct gatttctccg atccctaatc cgggtcacag aatggttaaa       60
gcagctttaa gtanagagtg gattattttc ccctcagttt gtcttctgtt tgcggctctg      120
aaagaatgtt gtgggcgctc tttttcctgg tgactactat tcacgctgaa ctctgccatc      180
cagatgcaga aaatgccttt aaagtaagac ttagcatcag agcagctctt ggagataaag      240
catatgtctg ggacacggat caagaatacc tcttcagagc aatggnggca ttctccatga      300
gaaaagttcc caacagagaa gcaacagaaa tttcccatgt cctgctttgc aacataaccc      360
agagggtgtc gttctggttt gtggtcacgg acccttccaa caattatact cttcctgcag      420
ctgaagtaca gncggccata agaaagaata ggaaccggat caacagngca tttttttctgg     480
angaccntac tctggaattt ttaaaaannc cttntactct tgctcccccc ga             532


<210> 571
<211> 256
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(256)
<223> n = A,T,C or G

<400> 571
tatttacttc ttgtggacct ctcacagatc angcngnnaa ggngnatagn gccttgnttg       60
cccaaggggt natggaagga ggtgtcntcc attccacctg ctganggcgc ctacagagga      120
gaataattca gaccncncag ncnngggtga ctaccagtcc ttggcctcag ttcctgcctc      180
cagatttctg ccttgagggg gctaccctga cttccctgga tgatgaacta caagntgtaa      240
gataaaataa acccctt                                                     256


<210> 572
<211> 240
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(240)
<223> n = A,T,C or G

<400> 572
actgaggtct cctgctcacc agntgncttg acagtttttc ttgcaacatt ggccattggt       60
tttcactgcc ttcaaaagat canaattact ccagaaattg gagagttgga tttaaaagaa      120
aaaacttgaa caaatggaca atatgtctat aacaaataca ccancaagta acgatgcctg      180
tctgagcatt gtacatagtt tgatgtgcca tangacaagg tggggaaagt gaaacctttg      240


<210> 573
<211> 350
<212> DNA
<213> Mus musculus
```

<220>
<221> misc_feature
<222> (1)...(350)
<223> n = A,T,C or G

<400> 573
aatgggatac gacacgggnc ttacacagcc tctcggaaac atatctatat tgatanaaat   60
acngaagatt atnttgcnca gggtttcaca aggcaaacag ggtacctttc acagccagna   120
nggctttgg agtncggcac caaactcgtg gnaggaacca cttccngggg aaggggtggc   180
caagaagcac ctgggcttgc ccgntcttta ataccggtga agggaggccc aaaagangaa   240
aacagggagc naacgggttt ctggcattna tggcccctcc tccttttgct ggnngctgnc   300
attaantgaa ncanncсgcn ncggaanatt cccttagggt tggggggcat   350

<210> 574
<211> 523
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(523)
<223> n = A,T,C or G

<400> 574
catgaacgtg ctggagccag tgtggttcaa ctcacctgga atctgagcac tcaggagtct   60
gaggcaagat tgccaagagt tcaaggccac cctcagctac atgggtctca aatactcaag   120
agttcactct gcggctgagg atgacctcaa gcctctgatc ttcctgctgg gatcactgag   180
agctgggatt acagcattgg acgcgttctc acgaccggcc aggaaagacg caacaaacca   240
gaatcttctg cggcaaagct ttattgctta catcttcagg agccagagtg caagaagcaa   300
gagagagaga aaacgaaacc ccgtcccttt tttaggagag ttatatttcg cctaggacgt   360
gtcactccct gattggctgc agcccatcgg cccgagttga cgtcaccggg gaaggcagag   420
cacatggagt gganaaccac cctcggcata tgcgcagatt atttgtttac cacttanaac   480
acaagctgnc agcgccattc ttgtaacggc gaatgtgggg cgc   523

<210> 575
<211> 274
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(274)
<223> n = A,T,C or G

<400> 575
gaactgaggc tttatggaag gcagtggtcg gancagggca gaatcctacc ctgacagcag   60
cacactggtc attgccgtgg cangngagga gacgactctg gtgtgtacaa cataaatctt   120
gaaaaatgga ggctggagaa gcacattcca ggcatcanag attaaggttg tggattatcc   180
ctggtccctc cagnggcanc caaangtgac anaangtgga agantgactg ggngcatcnt   240
gaanctggga agccgtgcgg ggcctatgat ggga   274

<210> 576
<211> 420
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(420)
<223> n = A,T,C or G

<400> 576
tatttgtata actttgcnag tgctgcaaca nagaagataa ctgaatctgt tacagaaaca   60

149

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(437)
<223> n = A,T,C or G

<400> 580
```
gactgagatg agcagtttgc agatcaaggt aagacaaagt caaagcagac accaatggtg      60
ttatcaaaac cagcaccact tgcagnaaaa gacaggagga agaggagana gagggacaga     120
gcttgctcan tctttacttc aacnnagctg atcanaagca atcttggnng nataacaccc     180
anccaagtcg ggaaggtcct tgcaaaggga ncccaagcct tccccngctc tacttcangt     240
ngaagnncct ttngaangag cnttcgcctt gaaaacctnn agcttctccn anggangtnt     300
acngccnagg ggcttcaatc ggaccgtccc aggatcnang gaagaangct nttgcccata     360
gangnttgct ggacccccnc agnaaactng attnggcaag tcncagnttt ggtncttggg     420
aagaacagct ggccttt                                                    437
```

<210> 581
<211> 345
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(345)
<223> n = A,T,C or G

<400> 581
```
agactgaggt caagtggact ccagctaant actgtcaatc aacagcctgt ttcccttcca      60
cctgcctatt cctgagggtg aggtcttttc cctggtccca ggacttcccc acccctcctc     120
caaataccaa gactatgggc ttaaaagttt caaatgggtg ctggagagat ggctcagcag     180
ttaagagcac cgactgctct ttcgaaggtc ctgagttcaa atcccagcaa ccatatggtg     240
gctcacaacc atctgtaatg gaatctgatg ccctcttctg gggtgtctga agacagctac     300
agtgtactca catatattaa ataaataatt ctttaaaaaa aaaaa                     345
```

<210> 582
<211> 397
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(397)
<223> n = A,T,C or G

<400> 582
```
ccactgagct gttgaataag tgctncagct ncgncttggg agtttgnctt gccagacngc      60
tctgctnttg cacctgaaca gcccangggc canngtggac cctgnnacan tcatngagag     120
gggcaggttt atgctaancc tatgtntaca acagtntttt gggggggtgta gntccaccac     180
ntgccacatt cacttgnnat ganggcnctg tagncaagct agcacccaga gcccccttnca     240
aggctacaca attacaggtt cctcggccac tctggaactg aaggggcaag cctgctccna     300
ngnnacccta nccnggngtg ctggccgaca gnctaggccc acatctctgn tttgctggct     360
tccnttgtac tctcaacccc tgccttgttc tgggatc                              397
```

<210> 583
<211> 122
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(122)

151

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(477)
<223> n = A,T,C or G

<400> 587
gggggaaacgc cgacctgant acnntcccta agcccaacag acactcacac tggttcgtca   60
tgaagtcgga gaaattccat gatgagctct ccgaccacgt attctttacg tntctgatcc   120
agaactgaat ggtaattctc cagaacagcc ttntggtact cctcactgaa catgcgaggc   180
ggggtcctgg gattcaacgc aaaaggagta tcagagccgg gcctgacgtg agatccactc   240
gaccaccact aaaagatctg tcctgatgcg gggctgtact aactgcagga ctcaactgat   300
gctggctcag agaccctgct gtntgatgtc agctagcatt agagagactt taaaggacac   360
gcctggcagg gggggctggc gtatgccntt agtcacagcc ctggannagg cnggaggagc   420
tcttgagttt gaggccagcc tggnctacag aacgagttnt gggacagcct gggctgg   477

<210> 588
<211> 477
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(477)
<223> n = A,T,C or G

<400> 588
gactgaggtg tgcatgcctg cgtttccatg aatgacgcat accaggagga cagaagactg   60
atacaccagg ctggagttac agacagttgt nctcnngttg actnaggagg nngcannctn   120
cttngnctgc tgngccatca ttgctggatg cctttannta ctgaganang nttctactgt   180
gnntccnngg ngtttnntan ntcnacctca antaacatgn ggttggnngc taacnnttta   240
tgtntttnag aagtgacttt nancttctgg ncctcctatc tnctcctctt cctcctcttc   300
ctcttcttca tcctcatcct ccccttcctc tnccntctcc tntncctcct cctnctgaga   360
gctgggacca caggtatgta ccacacgccc agcttataca gcacactctg cagactgagc   420
tcaagtgcgg tttcatgggt gtggatggca aaaggtgttt aagctaaaag gaattca   477

<210> 589
<211> 305
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(305)
<223> n = A,T,C or G

<400> 589
actgagaaca cccatcatgg tagttggaag aaggatcgtc ggctcacccc tcctcncctt   60
cgttcaggca cacctgccag aggcaagacc tcngtggntn ggatgaagtc ntcttctnct   120
atgtgcttgg gggtcctgga aggacctggc cccCttcaag ggaccatnag agaagaannn   180
ttgttntggg aggcctttac tagaaatgaa gggangctta tgngcctggc ttttnncnac   240
atcccnagag gtatgnggng ggaaantntg ntgcnanaat cttnttgggg gcagttgaac   300
cgatg   305

<210> 590
<211> 358
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

153

```
<222> (1)...(358)
<223> n = A,T,C or G

<400> 590
ctgccatcat gctgtnacat tcaccataga tagaanactt ncntntntag gggaganacn      60
gacaagacat cntatcgaca gcaactataa aagtgcatat ccncannnnn gatgancctc     120
cttttatcga ccagctgggc tttggngngg ccccaggctt ccagacgttt gtgtcttgcc     180
aggagcagag gctcatctac ctgccctccc cctggggcac ctgcaatgct gttaccatgg     240
actcggattt cttcgactcc tacagcatca cggcctgccg gattgattgn gaaacgcgtt     300
acctggtgga aaactgnaac tgccgtntgg tgcacatgcc aggggatgcc ccatactg      358

<210> 591
<211> 517
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(517)
<223> n = A,T,C or G

<400> 591
tgttaccttt agtgaacaag agcatgttcc caaactcaat tttgggtcgt ccacccttca      60
ctncaaccca ccaacagcat aataacttct ttgctctctc accaactctt tattcacacc     120
agcaacttat agatgcacaa ttcaactttc aaaatgtaga cttgtctaga gctgtgtcct     180
tacagcctct gacatatgga actgtcagtc caatacagac cnggancatc tccatttatt     240
tcgaggaagg aagagaataa gcgatgaaaa aagcttttcc tcttgatggn aaacggcagc     300
gtttccattt cacccccacca agagccaact ataatncaac caggctagng cctttatcaa     360
gggtgacaga aggatatttc catgcccacc ggntgtttca cacgcactat ataccagaat     420
atagtncaga tggtggtccc accctnntng nagaaattnc cacctgnana gaaaccctcc     480
gagaaaatna caactngccc tggagggcca aagataa                             517

<210> 592
<211> 307
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(307)
<223> n = A,T,C or G

<400> 592
cacatttttg gtcacngaca gcgatatctn aataggagga actgggcagg agcagggcat      60
tctctccagc aggngagtgg tcacgactac tacaactcca acccgaaggc catcactacg     120
ggcttaaatg gccgattcgg ctaccgccgg aacactccag ccctccgcca gcncacatcg     180
gtgtttggag aagncacacc atttcccatt ttctgaagac attgcgtcac aaggcttgac     240
ctgcgtcttc aagacagatg tttagatgaa ctgtcaacga tattctatat ttttaaagat     300
tgattcg                                                            307

<210> 593
<211> 275
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(275)
<223> n = A,T,C or G

<400> 593
gctgttgaag ctgcggntca gggtgnggcc atcaccggga ccagactttc acaactggaa      60
ctggcccaat gcaatgattt ttgntgncac agtcatcacc accatcggtt atggcaatgt     120
```

154

```
ggctcccaag accccagctg ggcgcctctt ctgtgtcttc tacggcctct tcnggggtgc        180
cgctngngcc tgacatggat cagtgccctg ggcaagttnc ttcggggggga cggngcaaag        240
aggttagggc cantttctta accaaggaag aggag                                    275
```

```
<210> 594
<211> 334
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(334)
<223> n = A,T,C or G

<400> 594
```
```
aaatggcttc caaaagagct ctggtcatcc tggccaaagg agcanaggag aatggagaca         60
gttgattcct gtggatgtca tgcggctagc cggtattana gtcactgang cangcttcgg        120
nttgnnaagn accccgggg cacnngtaaa cccgtgatgt aantggatta gtaccaaaat        180
acccagccct ngaaaagatg caaaaaacgc nttggaccat tnccaaangn aggggggtnc        240
cttccnqggn aggaaatcnt ggntgccnaa aaatttnatc tcattcgcct tannggggaa        300
tgnaaaaccc tcaagnggcc cgggaaaaga agga                                     334
```

```
<210> 595
<211> 493
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(493)
<223> n = A,T,C or G

<400> 595
```
```
gaactgagga tccttttgtg gcattccaca tcaacaaggg tcttgtgaga aagtatatga         60
actctcttct gattggagag ctggctccgg agcaacccag ctttgaaccc accaagaata        120
aagcgctaac tgatgaattc cgggagctgc gggccacagt agagcgaatg ggcctcatga        180
aggccaacca cctcttcttc ctggtctacc tgcttcacat cctgctgctg gatgtggctg        240
cctggctcac cctttggatc tttggaactt ccttggtgcc cttcatcctc tgtgcagtac        300
tgctcagtac agttcaggct caggcaggtt ggctacagca tgactttggg cacctgtcag        360
tctttggcac ctcgacatgg natcacctgc tacntcattt tgngattggn cacctgangg        420
gggccccnc cagctggngg accacatgca tttcagcacn atgccnagcn tagctgcttc        480
cgcaaggacc ccg                                                            493
```

```
<210> 596
<211> 115
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(115)
<223> n = A,T,C or G

<400> 596
```
```
ggattgaaaa tgaattngat tcctaaatga gaagctcgag ggtgaggcac cgtttcgaac         60
tctgcngtgt gcaangaaga cgaggaagtt ccagcatggc ctcggggggg tgttg             115
```

```
<210> 597
<211> 205
<212> DNA
<213> Mus musculus

<220>
```

<221> misc_feature
<222> (1)...(205)
<223> n = A,T,C or G

<400> 597
ctgaggtgta cagagccaat gggccagatg gagctgtggg ccgaggccag agaatccacc   60
tgcagttatg ggacacggcg ggggcaggag aaggtttcgt agcttaaccc actgcattct   120
tcagggacgc ttttgggttt cctgctttct tgttcgacct ggacaaatga ancaaagttt   180
cctcaattgt ccgaaactgg ataag   205

<210> 598
<211> 166
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(166)
<223> n = A,T,C or G

<400> 598
tgaggatgag ttccacccgt tntnngaggc gctgctgccg catgtgcgcg ccttcgccta   60
cacctggttn aacntgcagg cagcgcaagc gcaagtactt caagaancnc gagaagcgca   120
tgtccaagga cgaggngccg ctnttttta tgatcaatat gagaga   166

<210> 599
<211> 325
<212> DNA
<213> Mus musculus

<400> 599
atagaaggtg gtgatggact acagctcaga aaggaacata ctctcaaaat atttgcttat   60
atcaattcct ggactcagag gcaatgtcta tgctgcttca aggaatataa gcatttggag   120
atttttaacc aagtagtatg tgcacttatt aatttagtca ttgcccaagt tcaagtgctc   180
cgggaccagc tttgtaaaca ttgtactacc attaacatag attccacgtt ggcaagatga   240
gagtaatcaa gcggaagaac cactgagtat agatagagaa tgtaatgaag gaaatacaga   300
aagacaaaaa tcaatagaaa aaaaa   325

<210> 600
<211> 500
<212> DNA
<213> Mus musculus

<400> 600
gactgaggta tttacataag gaatttgcag agtcctggtc agttccaagg ttggcagaag   60
gctttgatgt cagcactgat gttatccgaa gggtttaaa aagtaagttt gtacccactt   120
tagagcagaa actgaggcag gaccaaaagg tcttgaaaaa agctgggttt acccgagaga   180
ttggtcagct ccccgtttct gaagatacct tgaaggcgct cagtgcaggc cgctctgtgt   240
ctggcctgct gatggcaggg gatgaagtct cctctaaaag tcagaatcac agcacagctt   300
tgaaagtggc gaagtcgcac cctcacagca cagacgcaca gaagaaacgg gaagggaggg   360
ataaaagaat ccaagtcttg gaagagagcc tagtgcctgc caccacagcc ttgggtcatc   420
agcgagagct tcagaaatcc cgccaccagt gacttccgag gccaccggaa gagctggcag   480
tgatacgtta ccaagtgctg   500

<210> 601
<211> 149
<212> DNA
<213> Mus musculus

<400> 601
gactgagagg aagacgaaca gctctcccca ctggagccat aactttaccc atgagccttc   60
actctcagcc agggcagaca agagcccagc gcgtctgaga ctgttcctgc tctgacccag   120
atatccaacc tgctagtgtg tgaggtcat   149

156

<210> 602
<211> 339
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(339)
<223> n = A,T,C or G

<400> 602
gtcccatact acaaggaacc cactgatctg gtngaanaag atggccaaga ttactacntt   60
ngcgaccagg ngagatgatg cagcagtgat atngtagcan ggnacttcat tgagcangct   120
ganttntcng ggnacctgtn cgggacatgn anggaagntg tcttggctga gcangccatn   180
aacctcatct gcgtgctann ngtatgacct acnnggggggg cgcngcatcn anaagactgn   240
tcttgtgtnc gattctacat ctttgggcag cctncctcgc tggacgtgct ggagcaacga   300
ctgcnacngc gcaacactga gactgatgag agtctggca   339

<210> 603
<211> 452
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(452)
<223> n = A,T,C or G

<400> 603
gaccccattg tgatagctca tcgcttgtct accgtncgta ntgctgacgt cattgctggg   60
gntgatgntg nngtnattnn gnagcaagga antcatgatn agctcatgag ananaagggc   120
anttacttca aacttgnnat gncncanaca gcagtgaaat ganattgant tatgganatt   180
gaancttgta aatctaagga tganattgat aatttagaca tgtcttcaaa agattcagga   240
tccagtctaa taagaagaag atcaactcgc aaaagcatct gtggaccaca tgaccaagac   300
aggaagctta gtaccaaaga ggccctggat gaagatgtac ctccagcttc cttttggcgg   360
atcctgaagt tgaattcaac tgaatggcct tattttgtgg ttggnatatt ctgtgccata   420
ataaatggag gcttacagcc agaaaaaaaa aa   452

<210> 604
<211> 471
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(471)
<223> n = A,T,C or G

<400> 604
actgagaatg gtccagaact acccatgagt cagtttggct ggagctcgtg agcattcaat   60
aatgagtggt gcggctttag gacttganat tgttttttgnc ttttttctgg cattgntcct   120
cctgcatcgc tatggagact ttaagaaaca gcacagactg gtaatcatcg gcacactgct   180
tgcttggtgt ctctgctttc tcattgtctt catactgccg ctggatgtca gtacgacaat   240
atataaccga tgcaggcatg ctgctgcaaa ttccagccct cctgaaaata ccaacgttac   300
gggactggat gcatctgtca ctccagctcc aagacagcat ccatgtttca agccgnggag   360
ttacattcca gatggaatca tgccaatttt ctggagggta gtttattgga catcacagtt   420
tttgacgtgg atcctgtnac cttttatgca gncatatgca agatctggag g   471

<210> 605
<211> 408
<212> DNA
<213> Mus musculus

<400> 605
cactgaggat ggcctcaggc aaagtacgct gcacccgaaa gctgcggagc tggatcgtgg   60
agcaggtgga gagtggccat ttcccagggg tgtgctggga cgatgcagcc aagaccatgt   120
tccggattcc ctggaagcat gcaggcaagc aagacttccg agaggaccag gatgctgcca   180
tattcaaggt gagagttcct gaaggcaccc caaagcactt ttgtctgttt ggggtttgga   240
taaaggaaat actagaaagt agaacctggg ctggtgagat ggctcagcgg ttaaaagcaa   300
ctggctgctt actcttccag aggtcccgag ttcaattccc aacaaccaca tggtggctca   360
caaccatctg taatgggatc tgatgccctc ttctggtgtg tctgaaaa   408

<210> 606
<211> 279
<212> DNA
<213> Mus musculus

<400> 606
ctattggaag aggcaaccat ttcagtttgc aagtctttgg ttgaaaacaa ccctcgaaca   60
ggaaatcttg ctgcgctaac taaggtcttc ctatctagaa ccagggagct caggctctca   120
gccgagtgtc agaaccacat cttcatctgg cagacacaca atgctctgtt tattatttgc   180
tgcttgctga aagtgttcat ccgtgagctg tctgaggaag agctgcagct tcattttaca   240
tatgaagaaa agtcccccgg cagctacagt tctgactct   279

<210> 607
<211> 535
<212> DNA
<213> Mus musculus

<400> 607
gactgagtat aggtactgct tgctttctgc actaccaccc tcaagaaact cagctataca   60
agttggggga atgaatgaga aacgtcattt cactcattat gtacagacta cacgggactg   120
cagcagtcag agcccaaagg acccactgat gaagaggaaa atatcgctaa gagcaaagga   180
caggcaactc gaggtggaac agtgtaaaga cctagggtgt tccatttggc cacacctaag   240
gaaacacctc cttcttgtct gaagaatggt tgagtgctga tctaaggatc agcatcgagg   300
cacttacttg aattaaaaaa cctactataa aatgcattcc gaatagtaac caggccgggt   360
agaggctggc gacggctaaa cccttctccg tggtgtctgt ttttgtacac aacgctacga   420
aggggggaaag ccaggcttgt gggtattctt acactcacgg ctaagaccca gaagccgggg   480
cagcatcagg accagatccc aatttcccaa atgactggca ctgaagaggg ggaag   535

<210> 608
<211> 458
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(458)
<223> n = A,T,C or G

<400> 608
gactgagaca gctctggccc tcctgctgct cccatagccc gaattanaac caccaggaag   60
aaagaatctt atactgattc tgtggaggac ctgagatccc ggggatgtgg ccactggaca   120
gtgcttcggt ctcttcacct gaggggagcc tcccctaaa gaagaaactg agtagagccg   180
tgacagggag acgccattca cagacgaatc tgaagtcact gcaccttgaa gggtagatgg   240
gtgcacaagg aatgggcggc atgctgtccc gtttctccca gcactggaca gaaccaagct   300
gtgctggtgc aacccttta tcccagcacc tgggaggcgg agacaggtgc atctctgagt   360
ttgaggccag gctggtctct agttccagga gagccaagaa tccttaaatt taaaatatat   420
gatatatagg tcaatcacan agtgcttgcc tagcatcg   458

<210> 609
<211> 531
<212> DNA
<213> Mus musculus

<220>

<221> misc_feature
<222> (1)...(531)
<223> n = A,T,C or G

<400> 609
actgagctgc caatggtgtc cttaccatac tggaacttac caagaccggc taacaaagct   60
gcaggaccac cttcggcaac tttctattct cttcaggaag ctgcgactgg tctatgacaa   120
atgtaatgag aactgtggtg ggatggaccc cattcctgtt gagcaactga ttccatatgt   180
ggatgaagat ggctcaaaga acgacgaccg ggctggtcca cctcgttttg ctagcgaaga   240
gagacgagaa attgtagaag taaataagaa actcaaacag aagaatcaac agctgaagca   300
gattatggat caattacgga atctcatctg ggacataaat gccatgctgg caatgaggaa   360
ctaaagcgat atttaaatct cctgctctac tcatgtgatg aagttgggtt ttttcccccc   420
tcttgagtat tcctcccttt gaaaaacgtt atttatgtct ttattttaac agctagcact   480
aaagnttctg ttttcacttt aaaagtattt actagctttt ttttaatact g   531

<210> 610
<211> 441
<212> DNA
<213> Mus musculus

<400> 610
tgaggggcca gctggcatcc tctgctacgt gggagcctat gtcttcatca cctatgacga   60
ctatgaccac ttcttcgagg atgtgtacac agctcttccc tgccgtggtg atcatagctg   120
taggagcctt gcttttcatc attggcctga tcggctgctg tgctacaatc cgggagagcc   180
gctgtggact tgccacgttt gtcttcatcc tgctcttggt tttcgtcaca gaagtggttg   240
ttgtggtttt gggatacgtg tacagagcaa aggtggagaa cgaggttgat cgcagcattc   300
agaaagtgta taagacctac aacgggacca actccgacgc tgccagccgt gctattgact   360
atgtgcagag acagttgcac tgttgtggaa ttcataacta ttcagactgg gaaaatacag   420
attggttcaa agaaacaaaa a   441

<210> 611
<211> 400
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(400)
<223> n = A,T,C or G

<400> 611
gaactgagta acaggatctc ggtgactggc tcattgtgga aagtacagtc tctggagtag   60
aagaggagga ctgagaacta caggctcaga tctctattna gacatccaac agaattaata   120
ctatcattgg ctataacatg aagctattgn gttaaaggan agaagtcgag tgntaaaaga   180
cttcctactc caggatatcc tactgaagaa gtccagaana agcatggtgg ccctgactga   240
cagcagacat gctgnctgat gctaggctgc ngggggctgcg tgtgctntcc caccctttgt   300
gnctngaagn ngacngtgct caaanngatg ngganaggan cggagtccgg anatcactgg   360
gactcggaca tcgnctacac ngagggttga acccacaggt   400

<210> 612
<211> 393
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(393)
<223> n = A,T,C or G

<400> 612
catgcgctgt ggatatggag acagcccttc aaaaggagca gttccatatg tgcaagcatt   60
tgactcgctg cttgccaatc ccgtggcaga gtacttgaag atgagtaagg agatcggggg   120
agatgtgcag aaacacgtaa ggacacggng gcccttctt tctcctccta tttaaggact   180

159

```
ggangctttt cttcacatct cttcaccctc atcatagggg cgtccggnag ccccctgact    240
cctttTcttc ttcctttatt ggtccaggaa cagaaatggg gttcatTTTT ctaggtctcc    300
tgttttatta catattctgt gtgtttcttt tatgacaaag cttgnntggt cataaaatac    360
aactgngntc atctttgtgg gggaaaaaaa aaa                                 393
```

<210> 613
<211> 465
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(465)
<223> n = A,T,C or G

```
<400> 613
actgagacca gatcactcct ggntgaagtg acagctgtgg tgaagattga aaaagatgtt     60
ggtggcaata atggggggtag cggcaatggt ggcggtgccg cctttTctca gactcgaagc    120
agcagcacag gcagtagcag cagcagtggt ggcggaggag ggcagcagaa ccagacatca     180
ggaggctcgc tgcaaggaag tcagcagaaa gagggagagc aaagtcagca gacacagcaa     240
caacaaattc ttattcagcc tcagctagtt caaggaggac aagctcttca ggcccttcaa     300
gcagcaccat tgtccggaca gaccttcaca actcaagcta tttcccagga aaccccttcag    360
aacctccagc ttcaggctgt tcaaaactct ggtcccatca tcatttcgga caccaaccgt     420
ggggcccaat ggacaggtca gttggcagac ccttcagctg caaat                    465
```

<210> 614
<211> 234
<212> DNA
<213> Mus musculus

```
<400> 614
gactgagcct acacagtcca gacatccgag ggtgtacgcc caacagccgc ttctgaggcc      60
cgtttgaaag ccttggctgt ttgccacggg cctctggacc actacgactt tctgatcaaa     120
tctcaggagc tgagggagga tgaacatcaa agaagagtcg ttcagtgttt gcagaagtta     180
caggaggacc ttaaaggata cagcatagag gaaggagggc tcttttcaaa gctt          234
```

<210> 615
<211> 194
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(194)
<223> n = A,T,C or G

```
<400> 615
gaggccataa taacttcntg tggnactctc agaggccngn acacngaagc atggcttggt      60
nccataacac angaacnngc atcgaaggcg ngngcngang ggcccacagg ccnacagnag     120
gagagggccc caaagctacc aagggagnct ctggccacan atgngactcg ttgntcctcc     180
tgggactgcg atgg                                                      194
```

<210> 616
<211> 128
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(128)
<223> n = A,T,C or G

<400> 616

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gactgagcct gtgcctactg cactagccca agtggacaga gagaagatct atcagtggat      60
caatgaactg tccagtcctg agnnagntnt ccatgatgtc tcaaagnata agctttaaga     120
aaagaaca                                                                128

<210> 617
<211> 484
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(484)
<223> n = A,T,C or G

<400> 617
tctggggagc tcctgcatta agtcagactg aggctacgag ggccccggtt ctgtactggt      60
gtctccggtg ccgcaccaga tgctgcccta catgaacgtg ggcacgctgt cgcgcactga     120
gctgcagctg ctcaacccag ctgacttgtc ggcggaagcg gcggcaccgc accatcttca     180
ccgatgagca gctcgaagcc ctggagaac ctcttccagg agacgaagta cccagacgtg     240
ggcactcggg gagcagcttg gcccaggaag ggtgcacctt cggaaggaga agggnggagg     300
tctggtttta agaaccgccg agccaagtgg gagacgacag aaagcgatcc tcntcggagg     360
agntcagaaa aacgcccgaa gaagtggaac aaagaacgtc ctnaaaaagc cttcgccgga     420
gaagagggga agaaggaagg taaaagcgat ttggactnng gacagcttga cgggccgcgg     480
cccg                                                                   484

<210> 618
<211> 464
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(464)
<223> n = A,T,C or G

<400> 618
tgttcaatcc aatgactcca ccacaagtca atagctatag tgagccatgc tgtctccgac      60
ccctccacag ccaaggagtc cccagcatgg gaacagaagg actttctggt ctgcccttt     120
gccaccaagc caactttatg tcagggtccc agggttatgg agcagccaga gagaccagca     180
gctgcactga aggatctctc tttcctcctc ctcntcctcc tnggagtana gtcanattaa     240
caaagaggcg gactctntcc atntcgcccc tttnngatgc cagcctggac ctgcaaaccg     300
naatccggaa nctnacccaa ctnacntggg aggntntnat naactntcgc tgtacatann     360
ngggcggttn ctacggncat ctntccattg nnaccatgag cccttcttaa ggattcccac     420
ctnagatgag ncatcaaaaa ggaacttcac ctcccttatg gagg                       464

<210> 619
<211> 495
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(495)
<223> n = A,T,C or G

<400> 619
gagccgttca gtccaatgca ttgatagtta atttgacaga ttcaaagggt acttgccttt      60
atgcagaatg ggagatgaat ttcacaataa catatgaaac taccaaacca aaccaataaa     120
actataacca ttgcagtacc ctgacaaggc gacacaccga tggaagcagt ttgtggggat     180
gaccggaata gtgccaaaat aatgatacaa tttggattcg ctgtcctctt gggcctgnga     240
attttaccaa ggaagcatct catttattca attcatgaca tcgggctttc ctacaacact     300
tagngatagc acaagtattt tcctgggngc tgnagctaaa gggagttcat actggttaaa     360
aancctggag aattttcaaa gntncctttg naaggccatc ctttaagggg caatagnggt     420
```

                                      161

```
tttaaactta acaaaccctg acttccctgg ccgttcaaaa aatattgggg ggnatttcnc        480
cctgcaggct ttttg                                                         495


<210> 620
<211> 274
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(274)
<223> n = A,T,C or G

<400> 620
tctgggggaac ctcctgcatt aagtcagact gagggcngna cccacagtcc agtaagctag        60
atggcagngt tactatngat ctacnggcnn gatggctatc ccagcangtt gntcctggnc       120
tacaaagtct tgnatgacnn gangaaggcc atccctggnt ttcctcttgn gncgcacaan       180
acccgnctgc acattgcana ggacccctct cttggactat gagtacttgc ccntgntgnn       240
cctgaaatca ttcatccngt cttctttgga actc                                   274


<210> 621
<211> 501
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(501)
<223> n = A,T,C or G

<400> 621
tgcttactga gcgtcananc ttncacatgg aacangttga aatatgctga actacgtgcc        60
cggcagcaaa tggagcagca gcagcagcat ggccagacac ctcagcaggc gcaccagcac       120
acgggagggc cggggatggc cccacttgga gccacaggcc accctggcat gatgccgcat       180
cagcagcccc ctccctaccc actgatgcac catcagatgc cgccacccca tcctcccaa .      240
ccaggtcaaa taccaggccc tggctccatg atgcctggcc agcccatgcc aggtcgcatg       300
atccccgctg tggcagccaa cattcaccct actgggagtg gccctacccc tcctggtatg       360
cctccaatgc ccggaaacat cttaggaccc cgggtacccc tcacagcacc aaacggcatg       420
tgtaagtagc acagtgggac gacattaccc agcatcctgc tttggaagct acagataagg       480
aagaaatgct ttcttcgtga a                                                 501


<210> 622
<211> 323
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(323)
<223> n = A,T,C or G

<400> 622
gactgagaat cctacnattc ctcatcatga cnccttctca ggncacttt gaaataagag         60
gaactctttt accangagag gnctttgcaa tatgnggaag ctgcgatgcc ctgnnaaact       120
gnaatcctca aaatgctgcg gctcttatta ntgaanacga cacaggagac agcgngttgt       180
ggaaagcagc gattgctctc aatanaggag ngncagngaa gnaccgcnac ttcagaggcn       240
gcttttttaga accannggaa ggatgtcttt atatattntt ttattactgn aggacttngc      300
atagtancaa ctttaagttt gaa                                               323


<210> 623
<211> 138
<212> DNA
<213> Mus musculus
```

162

<400> 623
gactgagaaa gagtagttga gcagctgcgc agaacctgat agtcaaacaa gagcagccgg   60
acaagttcca gatacagcca ttgtcacagt ctgaaaacaa actacaaaca gcacagcagc   120
agccactaca gccactgc   138

<210> 624
<211> 383
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(383)
<223> n = A,T,C or G

<400> 624
gactgaggtt tgatctgtgg atgaaatgaa tcatgatttt caagctcttg cattanaatc   60
tcggggaatg ggagagcttt tgcctaccaa aaagttttgg gaacctgatg attcaacaaa   120
ananggacaa ngaggcgtat ntcttggcna ngatgaangg anagagactg catggggaac   180
ttctcatcat tcaatgtccc agcctattat ggtgcagaga agatctggac agagttttca   240
tggaaacagt gaagtaaatg caattctttc tccacgctca gaaagtggga ggccttggtg   300
tgagcatngg tagaatatgt attaagttcc tctcctgctg ataaatggga ttctcgattt   360
aggaagggaa cttttggaac tat   383

<210> 625
<211> 363
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(363)
<223> n = A,T,C or G

<400> 625
gactgagagt ctatgatgga agtcaaaggg aagaaaaagt ttacaggaaa gagtccacag   60
acatcacaag gaaagaataa atttcataag aacagtgagt ctagttcttc aaagacattc   120
ccaaggaaag ctgttaagga aggcggacct aaagtcacat ctaagaactt tgagaaaggt   180
gccacaaaac ctggcaagaa aggtgtgaag cagttcaaga acaagccaca aggggggcaaa   240
ggaccgaagg acaaatttca gaaggcaaat anattcagca agaagcggaa attccagcca   300
gatggtgaaa gtgatgaatc aggagccaag aaacccaagt gggatgactt tcaaaaaaaa   360
aaa   363

<210> 626
<211> 540
<212> DNA
<213> Mus musculus

<400> 626
tctcccgact ctcgagagac tacattcgtc gtcctcctct tgctgcttct tgccgtgcct   60
ggagttactg tccgtctctt aagaagtctg ccaggccggt tacatttctc tttccacgag   120
ctccttaccc ataagtatct tccctgagct gtcagtcgct gacccggttg actttcgacg   180
cccctcccc aactcctcgc aagcctgatc tctgaccttt gaaccctaga caccctcatc   240
aacactcttc cctcagtgta tccccacatc caacagtcgg gatgccgggt gctcccacat   300
cctctctgtt ccaaataagg cccacccccag gtaggttgtg gctgaggagt acgagcctga   360
ggacagcaag agtttgtagt atatagtcca ctgagatccc tgacgcctcg ctccacatca   420
ggaaggtccc accctgaaat tccggctcca catacaggat cttgagtctc cgaacacctg   480
gatccttcga gatgtgaggt cctgtgtcca ggtgagcagt gtgctcttca aaaaaaaaa   540

<210> 627
<211> 639
<212> DNA
<213> Mus musculus

163

<220>
<221> misc_feature
<222> (1)...(639)
<223> n = A,T,C or G

<400> 627
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ggcggtttga agcctctgtg atcgaggagc ggcgcaaggg cgcggaggac ctgctgcgct    60
tcacggtgcc catccctgca ctcaacaaca gcccccaact caaggagttt ttccggggcg   120
gggaggtgac acggccctct gaggtgtcca gggacctgcg aatcctgcca ccccctctca   180
tccccacacc acctccggat gaggcccggc tacttcagcc gctgcctgcg gaaaggaggg   240
gccaggagga gttggaggtg ccagtggatc ccctcccgtc cagccctgcc caggaggcct   300
tggaccttct cttcagctgt gacagtacgg aggaagcttc cagctccctg gctcgaggtc   360
ccctctctga ggctgaactt gccctttttcg acccttactc caaagaggaa agtacaggcc   420
ccagccctac ccacacaggt gagctggcag ccattgaggt agagtccaaa aggctggacc   480
aggaaccctg ggagccagga ggacaggagg aggaaaaagc tgaggatgga gagcctgccc   540
cagcttacct tggccaggcc acagagctca tcactcaagc cctgcggaat gaaaaggctg   600
gcgcctacgc tgctgntntn caaggctacc aagaagggg                          639
```

<210> 628
<211> 770
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(770)
<223> n = A,T,C or G

<400> 628
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gtggggtctt tcagtgctgg accctgactg ccaagaagaa ctacagggca gatggcatcg    60
ggagcagccc actctctaat caggatgctt tccgtctatg gtgcctcttc aacttcctgt   120
ctgaggacaa gtacccgctg atcatggttc ccgatgaggt agagtatctg ctgaagaagc   180
tccttggcag cctgagtttg gagatgggcc tgggcgagct ggaggagctg ctggcccagg   240
acgcccagtc agcccagacc gccgtggggc tcagcgtctg gcagtttctg gaactcttca   300
actcaggccg ctgccttcgg ggtgtggggc gcgactccct cagcatggcc atccaagaag   360
tctaccagga gctcatccaa gacgtcctga agcagggcta tctgtggaag cgaggcacc    420
tgcggaggaa ctgggccgag cgctggttcc agctgcaacc cagcagcctc tgctactttg   480
ggagtgagga atgcaaggag aaacgaggca ccatttcccc tggatgctca ctgctgtgtg   540
gaggtgcttc cggaccgcga aaggaaagcg ctgcatgttt tgtgtgaaga ctgccagccg   600
cacctatgag atgagcgcct cagacacccg ccagcgccag gaagtggacg ggccggtcac   660
nngcncgccn tnngtttanc tgggcctgtt caccgaaant gaccttttgg ggcccctttt   720
ncggtaggng actaanaaca aggcttgact cccgtccggc tctgccctta               770
```

<210> 629
<211> 521
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(521)
<223> n = A,T,C or G

<400> 629
```
gacgtctggg gagctcctgc attaagtcag actgaggtcc cttcactgat gttgtcacca    60
ccaacctaaa gcttggcaac ccaacagacc gaaatgtgtg tttttaaagtg aagaccacag   120
cacctctgca ngtactgcgt gcggcccaac agtggggtca ttgatgccgg ggcctctctc   180
aatgtgtctg tgatgttaca gcctttcgat tatgatncca atganaaaag taaacacaag   240
tttatgngtt cagnctatgt ttgctccacc tgactcttnt nanatggagg cagtatnnca   300
ggnggcaanc ccggaagacc ttatggattc aaaacttaga tgtgnttncn antcngccac   360
catnaaangc tagtccacat gntgnagaaa tanataaaat catacctacg gagtgcntnc   420
aanacanaag caccggcagc cgcaaagtcc ctgacatcgc ccctcgatga cacagaagta   480
aagaaggnga tggaagagtg caggcggctg caggggggag g                       521
```

164

```
<210> 630
<211> 800
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(800)
<223> n = A,T,C or G

<400> 630
gacgtctggg gagctcctgc attaagtcag actgaggtgg ggtctttcac gctggcttcg      60
cgagcagtcc ggacccacga tcgcttttgg caaccagaac cggcgcttca gcccccgggg     120
tgacgtgcag cccgccgccc agacacatgg ccccgagccc aagaccccag catgtcctgc     180
actggaggga cgcccacaac ttatatatan tgtacgaant gatgntnttg ctcagtcggg     240
cctggagccg cctgaggggc ccagaagtcc cagaggcatg gctggcaaaa acagtaacag     300
gagcagatca gatagaagct gcggctctgc tgacacctac ccctgtctct ggtaacctcc     360
tccctcatgg ggagactgaa gaaagtggat ctcctgaaca gagtcaagca gcccagaggc     420
tctgccttgt ggaagctgaa agttcccctc ctgaaacttg gggactttca aatgttgatg     480
agtacaatgc aaagccagga caagatgacc ttagagagaa ggaaatggaa cgcacagctg     540
gcaaggccac actacagccc gctggcctgc aaggggctga taagaggctt ggggaggngg     600
tggctagaga agagggagtg gctgagcccg cttatcccac atcacagntg gagggtggnc     660
cagcttgaga atgaagagga tggagaaaca gtgaagactt accaagcttc tgctgctttc     720
atagctncgg gatacaaacc cagcacccct gtgccttttt tggggaggca naacatcaag     780
ccacggaaga aaaaggaaca                                                 800

<210> 631
<211> 658
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(658)
<223> n = A,T,C or G

<400> 631
gacgtctggg gagctcctgc attaagtcag actgaggtac ccacccggcn gcatggcaac      60
cctacagctg ntcatagctc ccttgctgtg nntcctgctt ngggtctttt gngctccagg     120
tgccagancc catgaccatg nggctgatgn ccatnatggn agcntggncc tggataagan     180
cacagtgcac gaccaagagc acatcntgga acatntngaa ggtgncatcg accaaccaga     240
ggcggagatg tccccacagg aactgcagnt ccattactta aaantgcatg attacgacgg     300
caacagtttg cttgacggcc tanagctctc catagccatc actcacgtgc acaaggagga     360
ggggagtgag caggcgccag tcatgagcga ggatgagctc gtcagcatca tagatggtgt     420
cctgagggac gatgacaaga ncaattgacg gctacatcga ctacgctgag tttgcaaaag     480
tcactgcagt agaccgttgg ctcttttcct tttgtgcaca tgtgaccctt gctaatgnga     540
tggacgtgtc tggtaatgcg aaacaactta tttccgtcta ctgctcaaca cttttggtaa     600
aaaccctgtg gcannctgnt anaatggggt ggaggaaana aaccacatga ctggggaa     658

<210> 632
<211> 247
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(247)
<223> n = A,T,C or G

<400> 632
gggtgagcca tagactatcc taggaaacca aaccagggcc cngcnttgtt cagagagggg      60
acagataatg nactccctga nccgnngnat cnaggatagc accccacagt gcatncctgn     120
ctattnagag gcacanactc tcagcacgtg ggagaccttg ctacctacgg acaatncttg     180
```

```
atntacagnt gtattgccac ttncttgctc aacaaacctg ttactttntt ggaaataata        240
tttaatt                                                                   247


<210> 633
<211> 378
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(378)
<223> n = A,T,C or G

<400> 633
ccatggtaac atgcttatnc tgtntacact tctatatgga caagaagtct aaactaggaa         60
cctacctact ctggacaacc attcccatct ccacccanag gacaccaatc atcgtgacac        120
cacgtccatc ttttactaag ttcccccaac ctcttcctcc tctcactagt agacttaata        180
cagaagcaag gatctaggcc gggtgttgct actctgaaac ttattgcacg agatattgtc        240
aatttatccc ctaactgacc tcccagagaa gaaagaagtg ggaagaaacg gcgaatagaa        300
ggcaagagac actgatcagt tagaggggaa actctacatc ttctctggtt gagagtctgg        360
naactgaaga aggcaaaa                                                      378


<210> 634
<211> 248
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(248)
<223> n = A,T,C or G

<400> 634
ttatcatggg gcgcaagttg gatcctacga agaaggagaa gcgtggaccc ggccgaaagg         60
cccgaaaaca gaagggtgcg gagaccgaat tggtcagatt tttgcctgca gctgncgatg        120
agaattccat gaggctgtcn agtcttnccc gaatncgggc anccaagagg agggcagggt        180
ctgttgacgt ccctaagcca aataagtctc ctgggatcaa aacattgcct ggagagttat        240
ccaaagga                                                                 248


<210> 635
<211> 683
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(683)
<223> n = A,T,C or G

<400> 635
ggactttgaa tatgtcgggg atcgccctca gccgccttgc gcaggaaagg aaagcctgga         60
ggaaggacca cccttttggc tttgtagctg tcccaacaaa gaaccctgat ggcacaatga        120
acctgatgaa ctgggagtgc gctatccctg gaaagaaggg gactccatgg gaaggaggct        180
tgttcaagct acggatgctt ttcaaagatg actatccgtc ctcaccacca aaatgtaaat        240
ttgagccccc actgtttcat ccaaacgtgt atccttctgg cacagtgtgc ctgtccatcc        300
tggaggaaga caaggactgg aggccagcta tcaccatcaa acagatctta ttaggaatac        360
aagaacttct aaatgaacca aatattcaag acccagctca agcagaggcc tacacaattt        420
actgccaaaa cagagtggaa tatgagaaaa gggtccgagc acaagcgaag aagtttgccc        480
cctcataagc agcggccctg ggctccatga cgaggaaggg attggcttgg caagaacttg        540
tttacaacct tttgcanatn taagtcgctc cgtacagnta ctantcncct ggganggntg        600
agcgggcncc attttccttt tccgccattg gatattcagn cttttgattt ttgantatta        660
annaaaactt gcttttattt taa                                               683


                                    166
```

```
<210> 636
<211> 665
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(665)
<223> n = A,T,C or G

<400> 636
tctggggagc tcctgcatta agtcagactg aggtcctcag tatggcagcc tggagcgggc      60
gtggggcgcc atgatgacag aagcagataa ggtcagcgag ctgcaccagg aggtgaagaa     120
cagcctgctg aatgaggacc tggagaaagt caagaactgg cagaaggatg cctatcacaa     180
gcagatcatg ggtggcttca aggagacgaa agaggccgag gatggcttcc gaaaggccca     240
gaagccctgg gctaaaaaga tgaaggagct agaggcggcc aagaaggcct atcacttggc     300
ttgtaaggag gaaaggctgg ccatgacccg ggagatgaac agtaagacag agcagtcggt     360
caccccctgaa cagcagaaga aacttgtgga caaagtggac aaatgcagac aggatgtgca     420
aaagactcag gagaagtatg agaaggtgct ggaagatgtg ggcaagacca caccacagta     480
catggagggc atggagcagg tgtttgagca gtgccagcag tttgaggaga agcggctggt     540
cttcctgaag gaagtcctgc tggatatcaa acggcatctc accctancgg aaacagcagc     600
tacttgcatg tctaccgaga actggagcag gccttccggg gggcccgatg ccccaggagg     660
acctt                                                                 665

<210> 637
<211> 233
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(233)
<223> n = A,T,C or G

<400> 637
acttgcaaaa ttatgaagga ntctanaagc agagganaac ataaaagncc ancnccttng      60
nnccncttat ccncaccctc cctgagtctt ggcatggaca cacctatnaa ngaccttcct     120
ggngcagata catnctcgna tgtgaaggga gaaaagctta ctcgctgnaa acttgccagn     180
ctctacaggc tngcagactt gnttgggngg gcgcacctgg caaatacgta cat            233

<210> 638
<211> 343
<212> DNA
<213> Mus musculus

<400> 638
tctggggagc tcctgcatta agtcagactg aggattacaa cattccagag tcccactggg      60
gaagaacaag atacttcaat aaatgaagga gaacaaagaa aactcaagcc cttcagtcac     120
gtcagcaaac ctggaccaca caaaaccatg ttggtactgg gataagaagg acctagcgca     180
cacaccctca caacttgaag gactcgatcc agccactgag gcccggtacc gccgagaggg     240
ggctcgcttc atctttgatg tgggcacacg tttggggttg tatcctgaat ctctgggatt     300
tgttgtgaat aaactccatc accaagaatt agattaaaaa aaa                       343

<210> 639
<211> 596
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(596)
<223> n = A,T,C or G
```

<400> 639
```
tctggggagc tcctgcatta agtcagactg agnattaaat ctgagagaat ctgacatcag        60
agtgtgtgat gaatcatctt gtaaatatgg aggtgtctgc aaagaagatg gagatggttt       120
gaaatgcgca tgccagtttc agtgccatac aaattacatc cctgtctgtg ggtcaaacgg       180
ggacacctac cagaatgagt gctttctcag gagggctgct tgcaagcacc agaaagacat       240
aaccgtggtg gcgcgtggac cttgctactc tgataacggn tctggatctg gagaaggagc       300
agaggaggaa ggctcaggag caggngctna caggaancat tccaagtgtg gaccgtgcaa       360
gtacaaggcc gagtgtgacg aggatgcgga gaacgttggg tgagtntgta atatagnctn       420
cngtggcttc acnannnnac nctncccgcg ntganganng ancntcctan aatgnccgnt       480
gtgtcntccg aaaggcgact tgcataaagc actgaacnga tcgacanant agcnngtcng       540
ccnctggnca tacacagatg angtggagat tattgnnaaa gaaggacgac gggctg          596
```

<210> 640
<211> 578
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(578)
<223> n = A,T,C or G

<400> 640
```
cccagttgtg acatgatgga actaaggcgc cgttatcaga acttatatat tcctagtgac        60
ttttttgatg ctcagtttac atgggtggat gctttccctt tgtcaagacc atttcaactg       120
ggaaattact gcaattttta tgtgatgcac cgagaagtag agtccttaga aaaaaatatg       180
ggctgttctt gatccacctg atgctgacca cctgtacagt gcaaaggtaa tgctgatggc       240
tagccctagt atggaagact tgtatcataa gtcatgtgct cttgctgaag acccacaaga       300
ccttcgtgat ggtttttcagc atcctgctag acttgttaag tttctagtgg gaatgaaagg       360
caaggatgaa gccatggcca ttggaggcca ctggtctcct tcgctggatg gaccaaaccc       420
agaaaaagat ccctctgtgt tgattaaaac tgccattcgt tgttgnaagg ctctgacagg       480
cattgatcta agngtatgca cacagnggta ccggtttgca nagattcgnt accatcgccc       540
tgnggagacc cacaaggggc gnacagttcc agctcatg                              578
```

<210> 641
<211> 716
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(716)
<223> n = A,T,C or G

<400> 641
```
tctggggagc tcctgcatta agtcagactg aggcctgaaa ctcagcaccg aggctctgca        60
ccccactccg agagcgacat cccagagcag gaggaggaga ttctagggtc tgacgatgac       120
gagcaggaag accccaatga ctactgtaaa ggaggttatc atcttgtgaa aattggagat       180
ctatttaacg ggagatacca tgtgattcga aaattgggct ggggacactt ttccacagtg       240
tggttatcat gggatattca gggaaagaac tttgtagcaa tgaaagtagt taaaagtgct       300
gagcattaca cagaaacagc actagatgaa atccggctgc tgaaatcggt tcgcaactca       360
gacccgaatg atccaaatgg agaaatggtt gttcaactac tagatgactt taaaatatca       420
ggcgttaatg gaacacatat ctgcatggtg tttgaggttt tggggcatca tctactcaag       480
tggatcatca agtccaacta tcaggggctt ccgctgcctt gtgtcaaaaa aattattcag       540
caagtgctac agggcctgga ttacttacac acccaagtgc cggatcatcc acaccggaca       600
tcaaaccaga gaacatcttg ttgtctgtga atgagcagta cattcgaagg ctggctgcag       660
angccacana gtggcagcgc tcangagctc ccccaccatc ggggtcttgc aggctg          716
```

<210> 642
<211> 276
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(276)
<223> n = A,T,C or G

<400> 642
gtctggggag ctcctgcatt aagtcagact gagtgctcca ctccagctac gggaactggt   60
gaactgtcgt tgggcggaag aagtgacaca gcagcttgac actctccagc tgtgtagtct   120
caccaaacat gaagaaaatg agaaagacaa atgngaaaat caccatgaaa aacttagtag   180
tgttttgctg gacttgtnag aagtgtatct gccatnagtg ngcnctttgg ggaggaatgg   240
ngngcnganc aaatgttntn tttggtttac atacta   276

<210> 643
<211> 102
<212> DNA
<213> Mus musculus

<400> 643
gaacggtcat caaagctccg ctgtgcttgg ttactggtgt tcctggcagg ttcctccgtc   60
ctcttatatt acacctttca ttctcagtca cttcattaca gg   102

<210> 644
<211> 781
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(781)
<223> n = A,T,C or G

<400> 644
gtttatcaat gccagcaaga agaatagtgc agcccatgat tgaccagtca aatcgagcag   60
ngagccaagg agcagcntat agtccanagg gtcagcccat ggggagcttt gtgttggatg   120
gtcagcanca catgnggatn cggcctgcag gacccatgan tggaangggc atnantatgg   180
gcatggatgg ccagnggcac tatatgnann cttngccatg tnangcaatc tctnggcaag   240
gggaagtttg canagcatgc cnggggacta cnttnctcag ggtggtccnn tgggaatngn   300
tatggcccan ccaagttaca ctcctnccca gatgacccca caccctactc agttaagaca   360
tggaccncca atgcattcat atttgccaag ccatccccac cacccagcca tggtnatgca   420
cggaggaccc cctacccacc ctggaatgac tatgncanna catagcccca caatgttaaa   480
tnctgtacat nccaatgttg gcggacaggt tatggacatt catgcccant attttaangg   540
aactcnngga anaaggaaac acacncaaaa actattttaa gactctctga actttgacca   600
natgtgacac ttaatatgaa actccagaca nctgtgatta tttttactt tnntggnatt   660
tntcatcnag caacagagga ccantgngac angaacacan atgtgaaagc gacgggctca   720
tcgtgacaat tttgnccatg caaagatcct ttggagaaan actncgagag ttataactac   780
t   781

<210> 645
<211> 158
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(158)
<223> n = A,T,C or G

<400> 645
gcctgagccg ggctgggctc ccatttgggt tgatgcgccg ggagctagca tgngagggct   60
accccatcga gctgcggtgc ccggggagtg atgtcatcat aggtggtggc aaacgggcag   120
gatgagtatt taataaaagt tcgcaagttt ccaaaaaa   158

<210> 646

169

<211> 117
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(117)
<223> n = A,T,C or G

<400> 646
```
actttttcctc cccccttga tctcgctgcc tgtgaaagcc ngggnntagn tcaactaaga      60
cgcctcctgc gagaaagcca gagaagagct angggctgg gggaaggagt ctaaaat         117
```

<210> 647
<211> 105
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(105)
<223> n = A,T,C or G

<400> 647
```
cattagtcag actgaggcgn caagcccatc tgngtgngct cgcatccaac tgtgatgagc      60
ccatgtntgt caagctggtg gaggcacttt gtgctgaaca ccaaa                     105
```

<210> 648
<211> 212
<212> DNA
<213> Mus musculus

<400> 648
```
gaaagcgatt tcgctcacgt tttattagca caaggaagac agccggctcc ccgaggcaga      60
agatcgcagg caccattcgc tcgccaccca gactctgcgc gcagccccgg agccagagag     120
gaggatcgtg aaccgaagcc agcttcgcag ttctagtttt gaaagcgccg ctggaaaggg     180
gcttaaatcc gcttttttt tttttaaagg gg                                    212
```

<210> 649
<211> 299
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(299)
<223> n = A,T,C or G

<400> 649
```
ctttggggag ctcctgcatt aagtcagact gaggaagcca gagctatgca gttctccagc      60
tcatccagga catcagatga gaatgtggac tatttgttca aggtcatcct aagagcttgt     120
ccggatggtg ctgaatggct gangacattc tgtatcccga gtctgttcct tgcccagtgt     180
gatttctgtg tggctccaga ggctcccctg tcacagcacc ttgcccattn ggtttctttg     240
aggatgatgn ctgccttcac caaataaaat ttgctntctt tgccctcaaa caaaaaaaa      299
```

<210> 650
<211> 238
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(238)

170

<223> n = A,T,C or G

<400> 650
```
caggaaagaa aggaaaggaa aagaaaaata gagagggcaa ggacaaggaa aatggctctg    60
tatctaccag tgagacacca ccacctccac caccaaatga aattagtcct ccacatgctg   120
cggaagaaga ggaagatgnt gactggtngg gaggatacta attgtggaat cntcnaaggc   180
nctngnatgg ttgngatcnn tgaccatnct nanaggtctg acacttaaat gttgattt     238
```

<210> 651
<211> 359
<212> DNA
<213> Mus musculus

<400> 651
```
atgttcccct tctctggctg ctggaggact gaactgttat tgttgctact cctggctgtg    60
gctgtgagag aatcctggca gatagaagaa aaatcgtgtg acctggtagg agagaaggat   120
aaggagtcaa agaacgaggt ggctctcctg ggagaggtta cggccactgt ttaacaaaag   180
ttttgagagt actgtgggcc agggctcaga cacatacagc tacatattca gagtatgccg   240
ggaagctagc aaccactcct ctggagcagg cctggtccag atcaacaaaa gcaatgacaa   300
ggagacagtg gttgggagaa tcaacgagac tcacatcttc aatggaagta atagaatca    359
```

<210> 652
<211> 771
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(771)
<223> n = A,T,C or G

<400> 652
```
gacgtctggg gagctcctgc attaagtcag actgagtgcc accatggcaa ctgcaccgta    60
caactactct tacatcttta agtatattat tattggggat atgggagtag gaaaatcttg   120
cttgcttcat caatttacag aaaaaaaatt tatggctgat tgtcctcaca caattggtgt   180
tgaatttggt acaagaataa ttgaagttag tggtcaaaaa atcaaactgc agatttggga   240
tacagcaggg caggagcggt tcagagcggt tacacggagc tactatagag gagctgcagg   300
tgcgctcatg gtgtatgaca tcaccagaag aagtacatat aaccacttaa gcagctggtt   360
gacagacgca aggaatctca ccaatccaaa cactgtaata attctcatag gaaataaagc   420
agacttggaa gcacagagag atgttaccta tgaagaagcc aaacagtttg ctgaggaaaa   480
cggcttattg ttccttgaag caagcgcaaa aacgggagag aatggagaag atgcttttct   540
tgaggctgcc aagaaaatct atcagaacat tcaggatgga agcctggatc tgaatgctgc   600
cgagtctggt gtacaacaca aaccctcagc cccgcaggga ggacggctaa ccagtgaacc   660
ccaccccaaa gagaaagctg nggctgctag tgacctcttt gctctggccc ctcatttgac   720
ctttcacctn tgnctggtgg aagcagactt tttactggct ccttggcttt g            771
```

<210> 653
<211> 396
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 653
```
actgagggga caaacaagtg actcctgtca cccctctggg tgccccttan aggccatcca    60
gcccaacctg accaatgtcc acagccaggg aacagccaat cttcagcacc cgggcgcacn   120
gtattccaga tngaccccac tacaaagcgg aactggatcc ccgccggcaa gcacgcactt   180
accgtgtcct atttctatga tgcaacccga aatggtgtac cgcatcatca gcatnngggg   240
gngccaaggc catcatcaac agcactggtc actcccaaca ttgaccttca ccaaaaacctc  300
tnagaagttc gggcaatggg gcagacagtc nagccaacac ttgtctacgg cctaggcttt   360
```

171

gcctctgaac agcagctgac ccagatatat ttgtat   396

<210> 654
<211> 384
<212> DNA
<213> Mus musculus

<400> 654
gacgtctggg gagctcctgc attaagtcag actgagaaga tggacgacat gtcgcccagg   60
ctgagagcct ttctctctga acccattggg gaaaaggatg tggcctgggt ggatggcatc   120
agccgtgaac ttgccatcaa tttggtcacc aaaggtttca acaaggccta tgtcctgctt   180
gggacagttt cttctgatgc acaagaatga agcagagttc cagaggtgga tcatctgctg   240
ctgtggagct accggagtgt gaggcccgcc agagctccac ctgcctgaag gagtggtgct   300
cctgtttcct atagatatct ctggcctggc agctctacct cagataaagg ctacccatgc   360
tacctacaga caaccaaaaa aaaa   384

<210> 655
<211> 443
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(443)
<223> n = A,T,C or G

<400> 655
gaactgaggt tgcttctata actggatcac gagtttgctg cacaaagtac catgtctcga   60
tcccggcagc ccccacttgc gtgagctgtg ncntccatag nanggatgtc taggaatcag   120
atcccanaga gncccgggaa ggacccnanc acnctgacca cnatncanac ctgctgtngc   180
tgntcntnga cctttatcaa atcctatgtn aagagggcgt nttgtaagga cggaaggaan   240
attaccctgg ganaagcnaa tgnaanttgg gctttantat tgtcacaact aaggttgggn   300
tgtaaaggaa nctcaactgt ctcttttaag ctactcaagc ctgaaaaaat aggcatttta   360
gatcagtctg cagtgtgggt ggatgaaatg aattattatg atatgcggac tgacaggaac   420
aaagggattc ctcccttgtc tct   443

<210> 656
<211> 398
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(398)
<223> n = A,T,C or G

<400> 656
gactgagatc ctgatggcng ttgtacagcg tggagcctgt ccaanatgaa gagacccctg   60
cctgtgccga tgagtttgac gactttgtca cntatgangc caangangng acngacagng   120
catatntggg gtntgagagc ncctacagng agcagtgaga ccttcacana ngaggacacc   180
agcaccctgg ngcacccctg agctgcngcc tgaaggggac gtggacagtg ctggtggctc   240
aggggtgccc tctgagtgcc tggacaccat ggaggagcct gaccatggtg cattgctgct   300
gctcccaggc agntcngtgc ttacgctcc nagngtaggt gtttgtgnag tgcgcagtgn   360
anccttntag ttcnccantc ttgggctagg tgagccat   398

<210> 657
<211> 107
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(107)

172

<400> 657

```
actgaggctc agacaagaga aaagctctag aagagaccaa agcatataca actcaatctc        60
tagctagtgt tgcttatcaa atnnatgcat tggccaacaa aaaaaaa                      107
```

<210> 658
<211> 462
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(462)
<223> n = A,T,C or G

<400> 658

```
ctgagggttc cggcgctncc cgtgaaaaac tngaatggca ctggccctgt ncacccagcc        60
ttgctcaggg ntgaccgnga tnctgctgtg tgcagcgtag ctgccgangt gcctgacacg       120
agcacccaaa cccatcctgc acccaccacc agtangcaaa agcnactgtn gaagcctgtg       180
cctgnagtgc ccggngtgtg ccgaaagacc aanaaaaaac acctcaagaa aaagcaagaa       240
tcctgaggat gtggttcgga ggtacatgca gaaggtgaaa aaccccgcct gatgaggact       300
gtaccatttt gcatgggagc ggctgntcac agnatctggg ctatgagggc gtgctccgaa       360
aacaagagtg tgcggnccga gcttgtgggc cgnctgggcc gtnggggnca natgtatcac       420
ntggntctgn ctggnggcca tgtactccaa tggcaaaaag ga                         462
```

<210> 659
<211> 416
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(416)
<223> n = A,T,C or G

<400> 659

```
ctgggagatg tgacgccaca caatattaaa cagttgaaga gactgaacca ggtcatcttt        60
ccagtcagct ataatgatga attctacaag gatgngctag aggttggcag agctagcaaa       120
acttgcatat ttcaggngat atagctgtan gtgcagtgtg ctgcangggn tggatcattc       180
acagnaatca aaagagacct ttncntcatg acactaggga tgccttgcac cttaccgaag       240
actaggaata ggaactaaaa tgttaaatca tgtcctaggc atctgtgaga aggatgcncn       300
ccttttttgac aanatctatc tgcatgtgca ggatcagnna gttgagncca gcngattgac       360
nttttacccg ggaaagtttg gcttttttgag attatccgna gacaggagaa caactt          416
```

<210> 660
<211> 125
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(125)
<223> n = A,T,C or G

<400> 660

```
gaagagtggc agacagaaag aanaggctct ggtccaaaga gagaggatgt gtctctggaa        60
catggatgcc attancaagg atgtttttaa taagagtttt attaatcaag ataaaagaaa       120
aacaa                                                                   125
```

<210> 661
<211> 349
<212> DNA

<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(349)
<223> n = A,T,C or G

<400> 661
ctcgaccctg cctgaccggn ctctanngaa ctgncagtac agttcagnca ccttcancnc   60
angtgagcgc aagcgaaggc ctcatggaga ccggaagtct tgtgagatgg ggctgcagct   120
acgacagacc ttcnaggcag gcatnctcac acagctgcac ccccgctctc agatcgacat   180
ctacgtgcag gtgctgcaag cagatggtgg gacctacgca gcatgtgtga atgcagccac   240
gctagcagtg atggatgctg ggatacctat gcgggacttt gtatgcncat gttcagctgg   300
ctttgtggat ggcncancac tancggacct canccacgtg gaggaagca   349

<210> 662
<211> 156
<212> DNA
<213> Mus musculus

<400> 662
gactgaggtg tggaaatgta aactttgcta ggagaccagc tgtaacagat gtggtcgagt   60
tgcagtaatg tgaattgggc tagaagatca gagtgtaaca tgtgtaatac tccaaagtat   120
gctaagttag aagaaagaac aggtaagaaa aaaaaa   156

<210> 663
<211> 513
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(513)
<223> n = A,T,C or G

<400> 663
gactgaggtt gaagctggaa tttgcccctt acgagcaaga agatgatgag tgacgctagt   60
gacatgctgg ccgcggcgct ggagcagatg gacggaatca tagcaggttc taaagccttg   120
gagtattcca atgggatttt tgattgccaa tctcccacct ccccatttat gggaagcttg   180
cgcgctctgc accttgtgga agacctgcgt ggattgttgg agatgatgga aacggatgag   240
aaggaaggat tgagatgcca gatcccagat tcaacagcag aagtgcttat tgagtggctt   300
caaaatcaaa tgacaaatgg ncatctacct gggancggan atgtgtatca agaaaggttg   360
gcacgtntag aaaacgacaa ggantccctn gttcttnang caagtggtac ttgagnccat   420
tcctttntna ngacangtgg nccttncaac tttgaatctc atgtatgtgc aacacctgta   480
ttaanncacc tgaatattac atgccatcta agc   513

<210> 664
<211> 252
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(252)
<223> n = A,T,C or G

<400> 664
acgtgttcga ggatgatagg gaagggacga tcgggagaga tttccatcga tgacattcgg   60
ataagcactg atgncccncn ggagaactgc atggaaccca tatcagcttt tgcagggggnc   120
nccctcncag nnaggnaccg agcccncagg gnacncangn gcccgttcta ttncatncca   180
gnctactngt attacgttat ggcggccggg gnccnccgtg ctggtgcttg gcggggggggg   240
gcctgccctt gg   252

174

<210> 665
<211> 322
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(322)
<223> n = A,T,C or G

<400> 665
```
gcccttgctg tcagtgcnna gtgaaangaa tgcggagttg anangtgagg anntggctnc      60
tacttnagac ngacgagctg aatgatgccc ctgnttgcgc ccncgnaatc anatgacagc     120
gaggacactc ccagcangct cttcggggcc agaggaaaca canncttacc agatccagga     180
actnctgagc agnaccaggt ctgtcagncc catcccanct ttccagttgn gccacagcct     240
cttctgacgg cacaacagtt agccctttgc tgtgncccgg ggcgatgccg nnaggccccc     300
catccctcaa tcaggcaatc ct                                               322
```

<210> 666
<211> 348
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(348)
<223> n = A,T,C or G

<400> 666
```
aatcaggaat gattctccat cccagagaga tgaagtaatt caatggttgg ccgaactcaa      60
ntaccagttc aacctctatn cagaancatt tgctctggca ngcagncttt tggataggtt     120
tttagctaca gtaaaagccc atccaaaata tttgaattgt attgcaatca gctgtttttt     180
tctggctgct aagactgttg aggaagatga gaaaattcca gtgttaaagg tattggcaag     240
agacagtttc tggggatgtt cctcatctga gattttgaga atgggagaga attattctgg     300
ataaatngna ttgggatctt nacacggnta caccattgga tttttctt                  348
```

<210> 667
<211> 162
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(162)
<223> n = A,T,C or G

<400> 667
```
ggctctggcg gccactggga aggaggaggg cctgagcgcc cggctgctgg ccctggtggg      60
ntctgntctt tatcgntggn ggcattatag ggaagantgc cttgnanggg ccgatgcgaa     120
ggatggcagg ntggattgan ggatctacca caccatggga tt                        162
```

<210> 668
<211> 295
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(295)
<223> n = A,T,C or G

<400> 668
```
ctttggaaga agaaccagga tgactttgag tgtgtgacca ctcttgaggg ccatgaaaat      60
```

175

```
gaggtcaagt cagtggcttg ggccccatct ggcaacctct tggctacctg cagcagagat      120
aagagcgtgt gggtctggga agttgatgaa gaggatgagt atgagtgtgt cagtgtcctc      180
agctctcata cgcaggatgt taagcacgtg gtttggcacc cgagccagga gcttttagct      240
tntgctagct atgatgacac agngaagcta taccaggaag aagggggatga ctggg          295

<210> 669
<211> 219
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(219)
<223> n = A,T,C or G

<400> 669
gactgaggtt gtggagcatg gcctgtttgt cangcactgc acngtggaag tgtatttgct       60
gganctgaag ctctgtgaga tcagtgaccc caccantgtg ctaagntgcc attttagcaa      120
agcagacacc attgcaacta ttgagaagga gatgaggaag ctcttcaaca tccctgcaga      180
acgtgaaaca cggctttgga acaaatactt gagcatcac                             219

<210> 670
<211> 519
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(519)
<223> n = A,T,C or G

<400> 670
gtctggggag ctcctgcatt aagtcagact gagtcctaac aggggcttta cagaaatgca       60
ctgtatgagc ggccactcta attttgtgnc ttgtgtgtgt atcataccct caagtgacat      120
atatcctcat ggactgattg ccactggagg aaatgaccac aatatttgca ttttctcgct      180
ggacagtcca atgccacttt atattttaaa gggtcacaaa gatactgttt gtagtctttc      240
ttctggaaaa tttgggacat tacttagtgg ctcatgggac accactgcta aagtctggct      300
gaatgacaaa tgcatgatga cattacaggg tcatacagcc cgcagtatgg gcagtaaaga      360
ttttacctga acagggctta atgctaactg gatcagcaga caagaccatt aaactatgga      420
aggctggaag atgtgagagg acttttttag ggcatgaaga ctgtgtaaga ggcttggcaa      480
tcttgagtga gacagaattt ctttcctgtg caaacgatg                             519

<210> 671
<211> 431
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(431)
<223> n = A,T,C or G

<400> 671
tgaggtgatg ctgggagcag aactccaaaa gnccagaagc ttcgtgaagc tatggctgcc       60
ttaagaaaat cagctcaaga tgtccagaag ttcatggatg ctgtcaacaa gaaaagcagt      120
tctcaagatc tacataaagg aaccttgggt caggtgtctg agaactgag caaagatggg       180
gacctgatag tcagcatgcg gattctgggc aagaagagga ctaagacatg gcacaaaggc      240
accccttattg ccatccagac tgttggncta ggantanaat acagagtgaa ngactgacna      300
ccaaggaccn agtntgctat ccagggaacc atagtgncta tnatnaccac ccttccgctn      360
actatgctgn ttgaggacan ccgantggtg nccaagtaca aagatggaaa tcangcctgg      420
ctttatgctg g                                                           431

<210> 672
```

176

```
<211> 386
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(386)
<223> n = A,T,C or G

<400> 672
tggcactctc ttttctgctc ttaccctgcn ncaacattcc tttccaggga cagccngntg     60
ananctnttc acggagtgnt gnaccntgan gcgangantt taaaagttgn ggcttgaaag    120
acaggaagat acggatggct tcctcgtctg gcaacagacg atgatntcac tatccccaga    180
gctgntntna atatgatgat caaagagact cttnctaatg tccgggtggc cancgatgcc    240
cgagagctgg tagtgaactg ctgcacggaa ttcattcacc ttatatcttc tgaagccaac    300
gagatttgta acaagtcaga anagaagact atttcaccag agcatgttat acangcactg    360
gaaagtttgg gctttggctc ttacat                                        386

<210> 673
<211> 253
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(253)
<223> n = A,T,C or G

<400> 673
ttcctaacat gcttgagttn cgaaccagtn ttncttggag atgaacnctn tttngcaaga     60
gcgaggnncn naaancnttn nctttcagga catggaatct gaattggaga anacagaagc    120
tnagctcaat gcagnagtca gagagaaanc atctctctct gcgagtaatg cttcactngg    180
aaaaacggnt tactgaatta accagagcca acgagctact aaaggctaag ttttctgaag    240
atggtcacca aaa                                                      253

<210> 674
<211> 127
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(127)
<223> n = A,T,C or G

<400> 674
gactgagatg ggagatcttt ggtcagcncn ncctatgaag gtgaatgctt cccaggctcg     60
tcagtttaaa ccttgtatta agcaaataaa tttccctaca aacctcatac gactggaaaa    120
aaaaaaa                                                            127

<210> 675
<211> 408
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(408)
<223> n = A,T,C or G

<400> 675
gacatggtgt tactgtggag tttatgataa tgccttaaac aatgacaact acaaccttgc     60
tagaggcttc aattaccacc aaggacctga gtggctgtgg ccaattgggt attttcttcg    120
```

```
tgcaaagttg tattttttcca aaatgatggg cccagagact gctgcagaag actgtatngt    180
ttggttaaaa atgttctttc tagacattat gttcatcttg agagatcccc atggaaaggc    240
cttccggagc tcaccaatga gaacggccag tactgcccct tcagctgtga gacacaggcg    300
tggtcaatgg ctgntgttct ggaaaccctc tatgatttat agttggctca taaatagtaa    360
ttgtgtgaac acttgacatt attgaatgca aggtcataaa gaaatgta               408
```

<210> 676
<211> 433
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(433)
<223> n = A,T,C or G

<400> 676
```
actgagtctc catgaagtgc caggagcacc cgtgcgtgtc ccctgtctct aatcatgtgt     60
atgagcggcg actcattgag aagtacattg cagagaatgg cacagatcct atcaacaacc    120
agcctctctc agaggagcag ctcatcgaca tcaaagttgc tnacccannn cgacccaanc    180
ctcnctccgc caccancntc ccagccatnc tgaangcctt gcacanatga gtgnnatgca    240
ggnnatgctg cacaggtnca ctctncgcca gnaactgctg acaacccggc aggagctgnn    300
ccatgctctg taccaacacg atgcttgcct gccgagtcat tgcccggctn acnaaagagg    360
ncactgcngc tngagangct ntggctactc tnaanccaca ngctggnctt atttgtacct    420
caggctgtgc caa                                                       433
```

<210> 677
<211> 111
<212> DNA
<213> Mus musculus

<400> 677
```
aactgagatc cggacatggt ggcagtgttg gaagtgatct ccagtctgga gagataccc     60
atcaccaaag aggcactgga ggagacacgg actagggaag ctcatcaatg a            111
```

<210> 678
<211> 495
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(495)
<223> n = A,T,C or G

<400> 678
```
gactgagaga ctgtgaatcc tgcaggatga ctgaatgaac ccttgattca cggacatgcc     60
ggaggagttc aacatgggca cacacgactg tcacagacgg cagattcngn tnctacttgn    120
gggngnngaa ganntagcct ntctacangt tncannnnga tnnaagggag nacntngntg    180
ntggcggaac acctgacttc caggcaacta gggtgaggat cttataccca tacccactgt    240
gacacaacca ttccaaccag gtcacaccta ttccaacaag gccacacctc cagatggtgc    300
cactccctgg tccaaggata tacaaaccat cacattccac tccctggtcc ccatagactt    360
gttcaaaaac atgagtctat gggggccata cttaaacaaa gcataatgca aaatgcattt    420
agtccaactt tcaaagtcct catagtctat agcagtccgc aacaacatta aaagtccaaa    480
gttcaaaaaa aaaaa                                                     495
```

<210> 679
<211> 423
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

<222> (1)...(423)
<223> n = A,T,C or G

<400> 679
gactgaggaa gccagagcta tgcagttctc cagctcatcc aggacatcag atgagaatgt   60
ggactatttg ttcaaggtca tccttattgg ggactccaac gtggggaaga catgtgtggt   120
tcagcatttc aaatctggag tctacagtga gtcccagcag aacaccattg gggtggactt   180
caccgtgcgc tccctcgaga tagacggcaa gaaagtgaag ntgcnagggt ncacacacgg   240
naggncanga gcnctnccgn accatnaccc aaagctacta ccggagtgcc cacgcagcta   300
tcatcggtta tgatctcaca cggcggncca cattnaaatc tgtccctcac tggatccacg   360
agatagaaaa atatgggagc tgccaactng ntcatcatgc tgatcgggaa caaatcagac   420
ctg   423

<210> 680
<211> 166
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(166)
<223> n = A,T,C or G

<400> 680
taagagtgag ctggtacaga aagccaaact ggctgagcag gctgancgct atgatgacat   60
ggctgagcta tgaaggccnn aacagancag ggacacgaac ttttccaatg aagaagagga   120
attctactct nttgttgcct acaanaacgg tggtaagggg gccccg   166

<210> 681
<211> 206
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(206)
<223> n = A,T,C or G

<400> 681
tcgtacgctc tcaaccagag actatagcat gtgctngnat ctaccttgcn ngtagagcac   60
ttcaaattcc cttgccnact cggncccant ggnttcttct gtttggnacc acagaagagg   120
agattnagga aataatgcat agagacgctt agactntata ccatggaaaa agcctaacta   180
tgaatgagct ggaaaaggaa gtagaa   206

<210> 682
<211> 277
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(277)
<223> n = A,T,C or G

<400> 682
aggccgaagg actgaatntt ccataataca tncttaaaac cttcaagaat ggttctagca   60
gatcttggaa gaaaataaca tcagcattac ngctcattga gcantgccac cattatcaat   120
gaagaggtat ttaaatngct attgctgaaa gaaagtatgt ccagcatttta ttggaagcag   180
atgttattat taacntaggg aagcacctca gaaaaatgtt aaagcctggc atttggttct   240
tgaaaanatg gccttcnggg gggggccaa aaaaaaa   277

<210> 683
<211> 151

179

```
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(151)
<223> n = A,T,C or G

<400> 683
cgcagttact cttttcatgt ataaagcagg gatgctgnat ctacctcaca cgggtactaa      60
aagcaaaaca cgggaatcca aagccctggg gcacatgccc gacatctgaa aagctggngg     120
tttctcccac ctcccttccg agtgcatgct g                                    151

<210> 684
<211> 471
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(471)
<223> n = A,T,C or G

<400> 684
gatggaagcg tccagactcc ggcagaaggc agaggagctg gtcaaggaca gcgagctgtc      60
accaccgaca tctgcccccct ccttggtctc ctttgatgac ctggctgagc tcacaggaca    120
ggatacaaag gtccaggtac atcctgctac cagcactgcc gccaccacca ccgccaccgc     180
caccacggga aactccatgg agaagcccga gccagcctcc aaatctccgt ccaatggcgc     240
ctcctcggac tttgaagtgg tccctactga ggagcagaat tcacccgaaa ctggcagcca     300
ccctacgaac atgatggacc tggggccccc accccagag gacaagcaac ctgaagctcc      360
acctgcagcg cctggagacc acccttagcg tgtgtgcaga ggagccagac cacaagccag     420
ctnttnaccc acctgggccg catggcctnt agtttaaaaa aggtgggccc c              471

<210> 685
<211> 217
<212> DNA
<213> Mus musculus

<400> 685
gactgaggaa aggcctggaa gaagaggcca ccaaacaacc caaccctctc tccagtccct      60
tgatctactc gtcgcctgca tctggagacc caatggccca agcctactgg cagtgctacc     120
cctggcttat tctcctctgt gcatgtgcct ggagctaccc agagcccaag taccttggaa     180
gggaagatgt gagaaactgt tcaaccagcc ctgaggc                              217

<210> 686
<211> 168
<212> DNA
<213> Mus musculus

<400> 686
gactgaggct ccagccttcc cccagccctg gttgaaatcc tcagtggtta ttcatgaaga      60
cgcacccacc atgttttatg ggactcattg cattactagt gtaagataaa cctagttgta     120
ttcatttctt gtggctgatg taataaattt aaaacaacaa caaaaaaa                  168

<210> 687
<211> 408
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(408)
<223> n = A,T,C or G
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<400> 687
ccagcaccta aagaaggtcc tatgccagtt ntggcactta tgtagtgttt agaggcaggc   60
agcagggggc ctatngtcca tgtggacaca cacttcatcc aggctgncct actctcccgc   120
ccttgggctt ccttggcctn tgatganttn ggctgatggc caacacctca cagccatgag   180
accgagcaaa aagagactgg ggantttctc agctggcttt cgcccttcct canaggagtn   240
ggcccttggg accttgccct gaaagctggt gatcgctgnn aaccccacca tncctcccca   300
anggccttna tgggcacggg cccatgatct tnacctggtt tnagccctga gcgccntgag   360
tgcccgggcg ncnggancta cctggttttt agggaggatt cttggatg   408

<210> 688
<211> 452
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(452)
<223> n = A,T,C or G

<400> 688
acacagcacc tgcctttgag ggccgcncgg agatctgata atgccctcaa ggctggntgn   60
ctatgctgnt gaaagctaat gaccatgagc tggctcaggc catnctgann gnagccagca   120
tcaccctgcc tcatggaacn ctttnnnaat gctatagacg agcnggccaa ccgcttataa   180
acctgcacca tctattgncc tgtccccacc tnntngaact tgctgctgca ncacacagga   240
ggagganagc ctgtatcctc cccnagccca ccctagtgn gcgccgngaa ttcccactga   300
aagtgcgcct cttccacagg caaggacgng aggntnaatg ccagcctgcc tgacaccggg   360
gggggcaact naagaggcag ctggcccagc cnggagggca tttgagccnt tcctggcana   420
natggttntt ttttgggaaa gctgcttaca ac   452

<210> 689
<211> 428
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(428)
<223> n = A,T,C or G

<400> 689
ataggagcag aatgttcagc agaggcctac atacnnaana ctctcgaggg aacaggcttg   60
ccatttcaca gttgatgaga gttctgtggc tgggaagaga gtcgacagta acgaaacagt   120
ctcgccatct tcactgcctt catctgtgag aactgctggg ctaaagcccg aaactggacc   180
cctcatgttt tggtcacagc aaaatatcac agaacagggt tactctgaca actctctgtc   240
cagagaactt acacttctgt ctgcctgcaa tgctgatagt tgtcagatgc caaaactcca   300
ctgccaccgt tcaccacccc ctttgccacc aaagaaatac tctacagcca gngcaccaag   360
gttagagaga gttggactta gccctgatgt cggggttacc gaggcgttta acactaatcc   420
ctccagcc   428

<210> 690
<211> 306
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(306)
<223> n = A,T,C or G

<400> 690
gaaagcttga ggccttcccc anctggcaaa aatgaagaaa cagatccacc ccgttcctcc   60
tcaggggngg gnnactttnt ctttancacc atttcccaca atgccaagcc acacgggncc   120
ccttgccntn atcccnacct tatgattctt tatccttggc ttgggaanaa cagccttcct   180

181

```
tttaagcctc ccccaaagtc ccctctttgg aacccaaggt ttnaagggng gggggggntc       240
ctaaaangtn tntccnaagc ctcataaact cttaatggaa actcaggaac ccttggattg       300
gacccc                                                                  306


<210> 691
<211> 474
<212> DNA
<213> Mus musculus

<400> 691
gtgtatgtgt cttacaacta tggaaaatca ttcagtaaga tttcagagaa gctgaacttt        60
ggcgtgggca acaacagcga agctgtgatc tcccagttct accacagccc tgccgacaac       120
aagaggtaca tctttgtgga tgcttacgcc caatacctct ggatcacgtt tgacttctgc       180
agcactatcc atggcttctc catcccattc cgggcggctg atctcctcct ccatagcaag       240
gcctccaacc tcctcttggg ctttgacagg tctcacccca caagcagct atggaagtca        300
gatgattttg gccagacctg gatcatgatt caggaacacg taaagtcctt ctcttgggga       360
atcgacccct atgatcagcc aaacgctatc tacattgagc gacatgaacc ctttgggttc       420
tccacagtgc tccgcagtac agacttcttc cagtcccggg aaaacccagc cggg             474


<210> 692
<211> 126
<212> DNA
<213> Mus musculus

<400> 692
ggaagaaagc tcgcacattt gacttggagg ccatgttcga gcaaactcga aggacagcgg        60
tggaaagaag ccggaaaaca ctggaagcaa gagaaaaaga ggaagaaatg aacagaaaca       120
aaaaaa                                                                  126


<210> 693
<211> 283
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(283)
<223> n = A,T,C or G

<400> 693
agagaagcca gccaaagaat gtctcgtggt attccagccg attcttccca cttccgatgg        60
gttaagccac cgttactgat tcgcatttgg tgtttgctat tggactgaac ctgctgatat       120
cctgacatga agcttagagt cgatctaaag aactacttct aaacaggtcc acaatgccct       180
tgtcctagta accgtatctc tcccctacct ctggtcggtg ctctagaagg gagattgatg       240
cattgnagaa ccccaaataa aataggcttt ggaaaaaaaa aaa                          283


<210> 694
<211> 434
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(434)
<223> n = A,T,C or G

<400> 694
ccaggtccca gtgataagaa atcagaacta ctgccagcta agtggaacag caataaagaa        60
ctgtatgccc tccggtatga gtctaaggat ggagccagaa aactccttct gaaagctgtc       120
tctgtggaga acggcatgat catcaacgtg ctggaacttg cacacagca ggtggcagac        180
ttgaccctga acttagatga ttatattgat gcagaagacc tgagtgactt ccacaggacc       240
tataagaaca gtgaggagct tcggtctcag atcagatctg gaattatcac acctatccat       300
gagcagtggg agaaggctcg tgcaaacagt cctccgaggg agttcccacc tgccactgcc       360
```

```
agagaggngg acccactcca gatttcctca caccgncctc atactancag gcagcctgct        420
tggcgtgatc ccct                                                          434


<210> 695
<211> 405
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(405)
<223> n = A,T,C or G

<400> 695
ggaagaaagc tcgcacattt gacttggagg ccatgttcga gcaaactcga aggacagcgg         60
tggaaagaag ccggaaaaca ctggcggaac cagtatttgg aaggctgggc cagaggtggc        120
tgtcaccatt gcttgttgac ccagacagta tagaacattg tgacacacac tgatgtggct        180
gctgctgttg aatccctgct ttaatgagct gtaggagata cttaatgaag ccttacttcc        240
agatggcttt tccagatggt tggcagttct aggaaccacc ttagggtctc cagagaacac        300
tggcagtgng cttttttttgg ctctaactca gatctctctt gtactagagg acggtctgga       360
gtctgggaac agctggattt aaatcaagtg ctgtgatagt acttg                        405


<210> 696
<211> 101
<212> DNA
<213> Mus musculus

<400> 696
ggaagaaagc tcgcacattt gacttggagg ccatgttcga gcaaactcga aggacagcgg         60
tggaaagaag ccggaaaaca ctggaagcaa gagaaaaaaa a                            101


<210> 697
<211> 433
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(433)
<223> n = A,T,C or G

<400> 697
gtcggatcat aaggcagcct tctgtcagtc tgctctgccc cttccctcga ggagcgccct         60
gccttgctga ctttctctgc ctctggcttc ctgtgatagg tggtgtcatt cccctccaac        120
ctgagtgctg gcaggtacac tgctggccac cagcagatgc ccatgaagat gctgacaatg        180
aagatgctgg ccctgtgctt ggttcttgct aaatcagcct ggtcggagga acaggagaag        240
gtggttcatg gaggcccgtg tttgaaggac tcccaccctt tccaggctgc ctctacacct        300
caggtcactt gctgggnggg ggggcctcat tgacccacag ngggtgctga cagctgccac        360
tgcaaaaaac cgaatctgca ggngatcttg gggaaacaca aactacggca aacagagact        420
tttcaaaggc aaa                                                           433


<210> 698
<211> 436
<212> DNA
<213> Mus musculus

<400> 698
gtggggtctt tcacccgtag ccgactcttc accttcccgt aaccgcgtct cttaccggtg         60
atggcggtga actgctggat taacccctttc agcgccgacg acgccgcgga gccccgtgg        120
gcagccatct taccgccggcg gccgccgccg cggaacaaca acacagacac acacggggct       180
ccctcccccca ctccgccgcg tgctgtgcgc aggcgcactg gcaggcccga agctccgccc      240
tctccctgtc tgtgcgcgtt ttgcgcaggc gtactctccg cgagccgccg ctttggtttg       300
aagcctgtgc tgctggctgg tagctattct ttgaaacatt tggtgccttc tctgaattcc       360
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183

```
ggagatatcc tcctaagtac cgcattgaat cccaacatcc caaagaatct tcggacctga        420
aataccaaac tcttgg                                                        436


<210> 699
<211> 177
<212> DNA
<213> Mus musculus

<400> 699
aatgggagct gactgacatg gtggtgtggg ttactggagc gtcaagtggc attggcgagg         60
agctagcttt ccagttatct aaactcgggg tctctctggt gctgtcagcc cgaagggcgc        120
aggagctgga gcgggtgaag agaagatgcc tggaaaatgg caatttaaaa aaaaaaa          177


<210> 700
<211> 352
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(352)
<223> n = A,T,C or G

<400> 700
gttaatcctg ccatacgaaa gatttattaa gggagaagaa gataagcctc tgccgccaat         60
caaggcctcn gcaaactnga atgccctgcg aggccttttga gagantnaan caaaagtctc       120
gggaaacana cgtancngng nggactacgc cccctttga gnaagaaaaa actggctaag        180
tccaagctga attggcctcg ctggccattt aaatggcgcg ccctcgagga attnggatcc       240
ggcgcgccat ttaaatggcc gctatggcca attcttttgg tttttaccct ggaagaaata       300
ctcataagcc acctctgtta tttacccca atcttcacaa gaaaaactgt aa               352


<210> 701
<211> 434
<212> DNA
<213> Mus musculus

<400> 701
gtttattgaa aatatggcat aacagattaa acagctccac gtggtgtttt gaaattcatg         60
ccaactgtag gctgagtgac ctgaaggtta gagagactgc caaagtccag gagcttcagc        120
atctccttgg tgtcgggatc cacctcaatg atctcctgat ctagggctga gacctcagga       180
acgtagttat ctctcctctc tctctcttct tcctgcaact tgatagagat gcctctcaca       240
ggccctctct gaatccgctt catcagatgc gtgatatagc cggctatctt gttccgaagc       300
ttcttgctgg ggatgatggc gatctcctcg cacacgcgct tgttggtggt gaaagcatta       360
cccagacgcg tgtagtactt ctagatgatg acccgggcag ccttcttcac ggtcttggtg       420
cgaaccagcc tttt                                                        434


<210> 702
<211> 363
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(363)
<223> n = A,T,C or G

<400> 702
gcccgtggga ttgacgtgca acaagtgtcc ttggttataa actacgatct acctaccaat         60
cgtgaaaact atattcacag gagtcgatag cggcagttga tgacgagatg gcactcagaa        120
acggcgttga cgtaatttag gacgtggaan cataagcgaa acagcacact gtttgaacaa       180
agagcgagtc gaattggcag aggggggtcga tttgggagga aaggtgtggc tataaacttt      240
gttactgaag aagacaagag gattcttcgt gacattgaga ctttctacaa tactacagtg       300
gaggaaatgc ccatgaatgt ggctgaccta atttaatccc tgggatgaga tagttttgaa       360
```

tgc   363

<210> 703
<211> 333
<212> DNA
<213> Mus musculus

<400> 703
atgatttcct gctaaatggg agcctgggac tgggagggct cctcctcctg cttgtcatca   60
tcctgttcat ctgcttgtgc cggttcagcc agagagtgaa gagactggaa aggaatgccc   120
aggtctcagg gcaggagccc cactatgcat ctctccagca gctgccagtg tccagtagtg   180
atatcacaga catgaaagaa gacctcagca ctgactatgc ctgcatcgcc aggagcacac   240
ccacttgagt gcccccaaaa gctctcctcg ccctgggtgc gtgctcagtc acactatggt   300
catctagtaa agtctggttc cccacttctg aaa   333

<210> 704
<211> 528
<212> DNA
<213> Mus musculus

<400> 704
agtttgtgag aagcttctat aatggtctgc ttggctctcg tcagagctgc ctatgagcac   60
atctacctgg tgaggaaggt cagtcatgcc tgcagatgcc atcaacatcg ggcttggagc   120
tcaaagccag ctgcatcaca gtctgctgtc cagggtgctc caggcagtgt gctggagata   180
cttggtaaat cctaccctca ggatgaccac actaacctca cccagaaggt cctttccaag   240
gtgggcagga acctgcacaa ccagaagttc caccctctgt ggctgattaa ggagcgggtg   300
aaggagcact tctaccagca gtatatggtg cgatccagga cacctctatt ctccgtctat   360
gaccagcttc ctccagtggt caccacctgg cagaactttg atagcctgct aatcccagct   420
gaccacccca gcaggaaaaa gggggacaac tattacttga atcgggcaca catgctgaga   480
gcacacacat cagcgcatca agtgggactt gctgcatgcg ggacttaa   528

<210> 705
<211> 513
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(513)
<223> n = A,T,C or G

<400> 705
ggccaagctc agacattacg gagcccagag ccagaggcga tggagctgag ccaccgacaa   60
ggtacaacca cgttgacaag gacacacccg aacgacaagg agggccagca ggacatgaac   120
tccttcagag ctaaccatag ctccttggac aactccaaat ttaagtacca tgcaaggctc   180
tcccagagcc ccttaggcag ctccctgggc cagggctacc tggagactcc acctctacca   240
ccaactccta cctgcaggac ttctctgnct atgaactccc atcctgagga cctgaagaag   300
gggcatccag atccagctcg agagatgcca gggagacctt ccgagaggga tgtgtcgggg   360
gaggaaggnc aagacttcag gtcccaaaac aaangacagg ggcctttgac caagaaggac   420
agggtcnttc ttgaaacatc cgccccaaan ttgggagcaa gatgggggac caactgatct   480
ttgaggatna gctcgacagg ccattggtga aaa   513

<210> 706
<211> 518
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(518)
<223> n = A,T,C or G

<400> 706

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aaaactagaa aagagaagac aaaatcaaag accgaagaag caacagaagg aatggaagag        60
gccgtttcct ccaaagcaaa gaaaacaaac aagaaagggc cttctgagga tgatgtggat       120
cccccctaaat ccaggaaggc caagaagcag gaggaggagc ctcaagacga cactgcttct       180
acaagcaaaa cctccaagaa gaaaaaggag ccccttgaga agcaagcaga ctctgaaacc       240
aaagagataa taacagagga gccttccgaa gaagaggcag acatgcctaa gcccaagaag       300
atgaagaaag ggaaagaagc aaacggagat gccggagaga aaagccccaa gctgaagaat       360
ggactctccc aaccttccga agaagaggca gacattccta gcccaagaa gatgaagaan       420
gggaaagaag caaacggaga tgcttggaga gaaaagcccc aagctggaag aatggactnt       480
cccaaccttc cgaagaaaaa ggtagacatt cctaagcc                             518

<210> 707
<211> 278
<212> DNA
<213> Mus musculus

<400> 707
tgcccccccca ggagacaaag agcctcatga aggcttccta cacgcccgag gtgatagaga        60
agtcggtgag ggatgtggaa cactggcacg ggaggaagac ggatgaccta ggccggtggc       120
accggaagaa tgctatgaac atgaacttgc agaaagcgct ggaagagaaa tacggagaga       180
agagcagatc caaggccaag tagttgaaag gacattggga ggaagcttga gaatgttgcc       240
aataaagaaa taaaggctgt ggtctgcaaa aaaaaaaa                             278

<210> 708
<211> 423
<212> DNA
<213> Mus musculus

<400> 708
tgctgaagac agcgcagaat caccccatgg taagcactct gggccacctc ccttcatgtg        60
cccacagctc agtctttttgc agttcatgat tgaaggcctg gcaagatggc tcagtgggta       120
aaggtgcttg ctgccaagcc gaaggacctg agttcaatcc ccaggaccca tgtgatgatg       180
gaggggttca tgacttccct gaagttgttc tctgccctgt ctgcacacag acagaatggc       240
aaatgcaata caaaggaaaa cgttcacaaa gaaatctata gccggcatgg tggtgcacgc       300
ctttaatccc cgcacttggg aggcagaggc agcgaatttc tgagttcgag gccagcctgg       360
tctacaaagt gagtgccagg acagccaggg ctacacagag aaaccctgtc tcaaaaaaaa       420
aaa                                                                   423

<210> 709
<211> 198
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(198)
<223> n = A,T,C or G

<400> 709
cttgttacct aaaaccccgg gcagaggagg agaggagant agcagcggag gaaaagaaga        60
gacangggng gggggggncaa tttngtttgg atttgacggg gcgcncannn tgacanaann       120
gncaagtgag gcgtcagcga gcttgctttt ctctagtcgt tgagaacgaa taaagcttca       180
ttgtgcgaaa aaaaaaaa                                                   198

<210> 710
<211> 277
<212> DNA
<213> Mus musculus

<400> 710
gtgtataggt gtgaaccaag tgcacgtcta gttcccttgg aggccagaaa gaaggcggtg        60
tcagatcccc aggaaccata gttacagatg gttgtgtagt ctcccctccc ccagcctgaa       120
tcctgcttgc tcaggggtgg agcttcccgc tcaatcgttc agccatgccc actgctggaa       180
gctgccgctt tgctgttcgg agccggagcc gtacacgtgg tcaccctgct attggacccc       240
```

186

```
aagactaatt ggcgggaatc ggccccttcc cctgctt                              277

<210> 711
<211> 410
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(410)
<223> n = A,T,C or G

<400> 711
gtgtataagg tgtgaaccaa gtgcacgtct agttcccttg gaggccagaa agaaggcggt        60
gtcagatccc caggaaccat agttacagat ggttgtctcc tgtagctcaa cctggcctgg       120
aattctctat gtagctgcaa gtgaccctga ccttctgagt cttctctacc ttccagtgta       180
gtctcccctc ccccagcctg aatcctgctt gctcaggggt ggagcttccc gctcaatcgt       240
tcagccatgc ccactgcngg aagctgccgc tttgctgttc ggagccggag ccgtacacgt       300
ggtcaccctg ctattggacc ccaagactaa ttggcgggaa tcgggcccct tcccctgctt       360
tataattgcg tgtggaacag taaaattgag ctttgatcag aaaaaaaaaa                  410

<210> 712
<211> 521
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(521)
<223> n = A,T,C or G

<400> 712
gggtggtaag ggtggtggaa acccangtgc cncgtcttaa gtttcccttt gggaaggccc        60
agaaaagaaa ggcggggnggt caagaatccc ccaggaaacc cataagttta ccagnatggg       120
ttggatgttt taaaccctca agacagggat gggggcttgg gggcttgggc caacaacttg       180
ctcaacattc ttctgagtct gacgggctgg tggagtgtga gcgtggctcc taaatttctt       240
gggtaggact gaagaagcac ttttaagatg tggaaactca gagaggatgc cactgttttg       300
aactattttg aaggcacagc caccagagct ttaggtcaga agaggtcctt ggaactggaa       360
ttacaggtgg ctgtgagcct ccagggacag ggtattttat cacagcaaca gaaatgaaac       420
caaaacaact ccacaataaa attcttgggt ttcttggggc caagaagatg acacgataag       480
gataaagaca ctggccaagc atgaccttca gagtttggcc c                          521

<210> 713
<211> 508
<212> DNA
<213> Mus musculus

<400> 713
attgactcgt ggtgcaaaga caacagctat gtgatcgctg gctattacca agctaatgag        60
cgtgtgaagg atgccagccc aaaccaggtg gcagaaaagg tggcctccag gatcgcagag       120
ggcttcggtg atgccgcact catcatggtg gacaatgcca agttcacgat ggactgcgca       180
gcgcccacga tccacgtgta cgagcagcac gagaacaggt ggcggtgcag agacccacac       240
cacgactact gtgaagattg gccggaggca cagaggatct cagcttcact cctggacagc       300
cgctcctacg aaacactcgt ggattttgat aatcatctgg acgacattcg gagcgactgg       360
acaaacccgg agatcaacaa agcagttctg cacctgtgct agacaaggac cacactacag       420
cgaagacgga agcatatttt tacatttata gaggaatagt aggttagccg gaagggaagc       480
tgcaagtgtg ccttggaggg ggtgccgg                                         508

<210> 714
<211> 532
<212> DNA
<213> Mus musculus
```

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                                    187

<400> 714
gactgaggaa tagaagacat cttaagtagg ggctcaagag ctggatagcg tcatcaagca   60
aggtacctg gagaagaaaa gcanagatca tagcttcttt gggtcggagt ggcagaagcg   120
ctggtgtgtt atcagcagag ggctcttcct ctactatgct aatgagaaaa gcangcagcc   180
caaagggacc ttcctcatta agggctacag tgtccggatg gcccctcacc tgcgaaaaga   240
ttccaagaaa gaatcctgct ttgaactgat ctcccaggat aggcgcagct atgagtttac   300
agcntctagt ncagctgaag ccagagactg ggtggatcaa ataagtttct tgttaaaaga   360
tcttagctcc ttaaccattc ccttcgaaga ggaggaggag gaagaggagg aagaagagaa   420
agaagaggaa naaatgnaca atgacgtcga tggctttgac tccccaaggt ctggctccca   480
gtgcagagcc atggccttgc ctgagcctac tgagaaagag gaggacattt at   532

<210> 715
<211> 326
<212> DNA
<213> Mus musculus

<400> 715
gcttctgcaa agagagtccc agccttgcca cgaggcggaa gtgactgagc tgccacatcc   60
ttcanngtgg agacatccag aagacagaca acttggccag agggaaatga aggtgaagag   120
aagccgagga gattggaatc tagtgccgaa tttgcatccg atgccgagcc taggangtca   180
nagaagacct agggtacaaa agaggaagna gcaaaggga agntcttcct tctgatcccc   240
tctattaggt ggaggacctc ggnggngaga cctccgcctt ctgctctgta tcgctgcact   300
tgantaccat aaggggagc cctacc   326

<210> 716
<211> 210
<212> DNA
<213> Mus musculus

<400> 716
gccgcccgtg cgtggattgc cacgcatttg aattcatgca gcgcgcsctt caggacctac   60
ggaaaaccgc ctacagcctg gacgcacgga cggagaccct cctgctgcag gctgagcgcc   120
gggctctgtg tgcctgctgg ccagctggac gctgaagatc tttggccagt gatattcctt   180
gtcaataaat gcctgctagc aaaaaaaaaa   210

<210> 717
<211> 495
<212> DNA
<213> Mus musculus

<400> 717
aaaagcttca ctggcctgaa catgaacttg ctaagaagtt tgttctaaat gcagaagagg   60
cattgatcac tgacagcaaa agaagctttt cgagtttgtc ctctgggatt ctcaaggaca   120
ctttcacaac tggaaccagt agttacaatg ttctactaca gagcaaggag gagaaaaagc   180
accgttcaca aaagcggttt tcctctgcca gctccaaaca acataggaag cccagcaaat   240
ctcctagctc ctctcatagc aaagatccta gcaggatgac agccctggtg cctgggacag   300
gcgctggcac ttggtactgc ctagacgggc agtctgctgt ttttgttact agctcagtac   360
caagtcctgt aaaggtcacc cgtgatatct ctattacagg aagcggccta gcactgccac   420
ctaaaccaaa tagcaagggc aaacgacgca acctgacccg gcttccaaag ccaaagcaac   480
agcctcagct gtgta   495

<210> 718
<211> 147

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(147)
<223> n = A,T,C or G

<400> 718
atgagaagac gagaacaaag aaagttgata atgaactcaa ccctgtctgg aatgagattt   60
tggaatttga cttgaggggg ataccactgg actctttcat ctttccatgg tggattgttg   120
tcaanagatt ttgagacaat tggacca   147

<210> 719
<211> 303
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(303)
<223> n = A,T,C or G

<400> 719
gctctgggtg ctctaggatg agcgctacac atctgtggct tttgggtata aagactgtgc   60
ggcttattac caagccgcaa gcccaagaac caggtagat gccatccaca cccctgttct   120
ctgcctcaat gcagcagatg accccttctc cccagtccat gccttccctc tgcaggctgc   180
ccagaagtct ccctatgtgg ccctgctcat cacaagctcg gggtggccac attggcttcc   240
tggaaagggc tgatgccctg gcaacactgn tacatgaacc ggggactaaa ttaatatgcc   300
caa   303

<210> 720
<211> 391
<212> DNA
<213> Mus musculus

<400> 720
gtgttttgtc tgcatgtatg tcagtgctcc acaggcatgc ttggtgccta cggaggccag   60
aagaggacat caggtcccct gtgagttaca gatagctgcg agctgccacg tgggtactta   120
gaattgaact caggttccct ggaagaacag ccaatgctgt tgacttggtc ttgcctcacc   180
acctgtcttt cctcagtcca tgagtgttgc cttagcaaaa ctccacgtgc gtctttatct   240
gacatcgttc tatcggtcag agtctttgga agaggcaaga agccgcagga atctctccat   300
ttatttctct ctatgagtct tgaccattgg agctcaacaa cgcatgtaaa gtgaaccaat   360
acatgtgtgt cattatcgaa gaagaaaaaa a   391

<210> 721
<211> 525
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(525)
<223> n = A,T,C or G

<400> 721
gtaaaatatg aagttacaga ggatgtatat acttccagga aaaaacaaca ccagaccatg   60
atgcattatt tttgtgcact aaatactctt cagtacaaga agaaaatagc tttgttagaa   120
cctctactgg gatacatgca ggctcagata agtttctttta agatgggttc tgaaaatctc   180
aatggacaac tggnagaatt cttagctaac attggaacaa gtgtacagaa tgttcgaaga   240
gaaatggatg gtgatgtaga gaccatgcag cagacaatag aagacttgga ggtagccagt   300
gacccttat atctgcctga cccggatccc accaagtttc ccatcaatcg aaatttaacc   360
cgaaaggctg gatacctaaa tgctaggaaa tcttcaatat tgcaagcaga gagtaaaaag   420

189

```
gaccatgaag agtggatctg tacaataaac aacatatcta aacaaatata tttgagtgaa      480
aatccagagg aaactgctgc acgagtgaat caagtctgct ctaga                     525

<210> 722
<211> 324
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(324)
<223> n = A,T,C or G

<400> 722
attttatcat gtgggcatcc tgctgcaact ggttctgctt ggatggacag cctgnggagg       60
caccaccacc acagggagcc aggacacaag cctattccaa ccctgggtac agctccttcc      120
cttcccccgc aggctcggaa cctagctgca aggcctgcgg ggtccatttc gcaagcacaa      180
cccggaagca gacctgcttg gactgnaaga aaaacttctg catgacttgn tcgagccaag      240
aggggaatgg gccacgcctc tgccttctct gcctacggtt ccgagccacg gccttccagc      300
gggaggagct catgaagatg aagg                                            324

<210> 723
<211> 352
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(352)
<223> n = A,T,C or G

<400> 723
cctacaagga gaagatgaag gagttatctg ngctgncgct catttgctcc tgcttntact       60
ntcancctca cccgacacca tntacnagca tggcaanntg ganntaacca ngctgaacnt      120
gntcaaaagg tgggnactac ccaccttttg agcaagttca gcctggttaa gtccaagctg      180
aattggcctc gctggccatt taaatggcgc gccctcgagg aattcggatn cggcgcgcca      240
tttaaatggc cgctattggc caattttttt gctttttacc ctggaangaa atacttcnat      300
aagcncctnt gntatttanc cccaatcttc acaagaaaaa ctgtaatctg tc             352

<210> 724
<211> 288
<212> DNA
<213> Mus musculus

<400> 724
aatccagcaa ctatcacgag aatactcctt agccacttca attgggataa agagaagcta       60
atggaaaggt actttgatgg aaacctggag aagctctttg ctgagtgtca tgtaattaat      120
ccaagtaaaa agtctcgaac tcgccagatg aatacaaggt catcggcaca ggatatgccg      180
tgtcagatct gctacttgaa ctaccctaac tcgtatttta ctggccttga atgtggacat      240
aagttttgta tgcagtgctg gagtgaatat ttaactacaa aaaaaaaa               288

<210> 725
<211> 108
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(108)
<223> n = A,T,C or G

<400> 725
ccggctggac ccccattatc cnggggggggg gggatcgaaa cttgggcaan ggaggctcca       60
```

```
cccccctccca ntgatcttct gctccncatn ccggaactct acccgctc                      108

<210> 726
<211> 457
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(457)
<223> n = A,T,C or G

<400> 726
gtgacggtgt tcgagtgacc atgncatagc gccttgactg cccgacaccn ngtaggggtg          60
caggactttg tcctgctgga gaatttncca gnagaggctg ccttcattga gaacctccgc         120
cggcggttnn gggagaacct catttatacc tacatcggtc ctgncctact ntnngnncaa         180
tccctaccga gacctacaga tctacngccc ggcatcttat ttnaacgggn nncgtgntag         240
nnagtannnt angacngtnc cancctcatt tngttngcac nggcttgaca ctgtataccg         300
ggcacttcgt actgagcagt cgagnacccg gcagtgatga ttntctgggn ngagagcggg         360
ggcaaggcaa gacagaggca cacaagaagg gagggnaaga ctttgcctna gtanganaga         420
cttgaagcaa atcctaaagt gaagccccgc ccctcag                                   457

<210> 727
<211> 478
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(478)
<223> n = A,T,C or G

<400> 727
gaactgagga ggctgtgcat aggtgttctg cagaccatga actgatcact agtccccaga          60
cattcatgag cacagtgtga ggctcctgac ccacntccaa gntctctnng nnctctntga         120
ctaagcnacc tccngngnnt acnnctanan gccacgatnc naatcctgcc ntntngttac         180
tgnnnttgcn aatagagacc tttcacatgt nagaggtgta accngacaan aaacggctnc         240
gancggagtg ggnngatcga tatggaantg agatnctatt tttntcaaan actatngcaa         300
nantgntcga ctnagncggc cccggactgg gacaangtgc ntgctcaagt acacccgagt         360
acaacgagcc acaacgagag ccgcaccaaa tgctgacatc atcgagaccc tgagggaaga         420
agggtttca acgggctgtg acagcccaga gccggatggg gaggactcac tggaatta           478

<210> 728
<211> 389
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(389)
<223> n = A,T,C or G

<400> 728
ggagatgtct gcttgnccat gactggctgn cttcgnggac tgaggntcat acgtgccngn          60
aaacaatcct aangctgccg tncctannaa tcacatccca ngctagactn gaccntcana         120
cctgtnaacc canacgggcc anaaacaagc ttaccagtna gtttggtctc aggancaggn         180
gtgtgagccc ttggngctgg ggctattgga ttggcctacc tacatcctca acagtctcca         240
ctctgcctga atgatcctga gggtatcaga aagccctaca ctgttggtac ctgggcccca         300
acatactgtg aacgaaatg ggccttcttt cttttcctat aggttatttg ctggcagttc         360
tattaaactt gtttctaaga gaaaaaaaa                                            389

<210> 729
<211> 337
```

191

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(337)
<223> n = A,T,C or G

<400> 729
gaactgaggt cgtctgtatn acaacataaa cttccagcga aaatcagttg tgggatttgt   60
ggagctgact atatttccca cagttgccaa cttgaataga attaagttga acagtaaaca   120
gtgtagaata taccgagtcc ggatcaatga cttggaggcc cgcttttatt tataatgatc   180
caaccttaga agtttgtcac agtgaatcga aacagtaagt tgggcacgtt aagaagctgc   240
tgtttgtacg tcatcctgtc actgttttca gagattgttt ttcaacaaac tttcccattc   300
ttattgtaat aaagctatgt gttgtataaa aaaaaaa   337

<210> 730
<211> 362
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(362)
<223> n = A,T,C or G

<400> 730
gaactgagga ccttggcacc atggttacct tgaaccgata tgcaacgtga cctcaaggat   60
ccagctactg gctgcatcaa gcanactgct nnntcctgct ncaagatgga atgaancnac   120
tnttctgntt atgaanagaa ncctgnntga ggcnaacgaa ccnttgannc actgcaccgc   180
ctnncagncg ctccanacca ctcatntcan naagctcagc tttttntac tccaggntta   240
angcagcatt ancacttcat tnntattctg cttttggaaa agcagtgatn agatgaacat   300
ttgatcttcn ctgtttatca tcanttnttt actttggagg ananagcttg gaagataagc   360
ca   362

<210> 731
<211> 434
<212> DNA
<213> Mus musculus

<400> 731
gaattgaggc tgcttctggg acaacggcca cctgtaccgg gaggaccagc cctcgcccgc   60
gccgggtctc cgctgcctca actggttggc cgcgcaaggc agccgcgagt cgctcaccga   120
gcccagcccg ggcaaccaca actactgccg gaacccggac caggacccgc gcgggccctg   180
gtgctacatc agcagcgaga ccggcgtccc tgaaaagcgg ccctgcgagg acgtgagttg   240
cccagagacc acttcccaag caccaccgcc atcctctgcc atggagctgg aagagaagtc   300
tggtgcacca ggtgacaaac aggcacaggt gttccctcct gctaacgccc taccagccag   360
gagtgaggca gccgaggtgc agccagtgat cgggatcagt cagcttgtga ggatgaactc   420
caaggaaaaa aaaa   434

<210> 732
<211> 515
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(515)
<223> n = A,T,C or G

<400> 732
gaactgaggt gcgatgcctc tgcctctggc gttgtgaggc cacttgcgag tatttgaaat   60
gctggttaat tccggactga gtggactcac ctgtgacctg gaaagggccc tgaatgagcc   120

192

```
gntgctgaac gcccctgagc agctcttnca tctccttctg gatgttgcag acgacctcct      180
ccatcaaccc tacatcagct atccccttcc agaacatcaa agtgtcctct ggcacaaacc      240
ggatgagaca gaaggggagc agacacatta cccagaaacc tcagcacatg gctacaacgt      300
tcatttccat tccaaaggat tctgtgttaa aacatgaaag actggctgct tccacaagtt      360
ggacggttgc tgggggtgag aggagatgat cccagttaca tcagtgctca tgtttatgag      420
gaaaaccagc agaggtaaca aaggggtcta taaccctgag ctgtacggga aagtacctga      480
aatctcttca gactctttct ttataccctc ctctg                                 515
```

<210> 733
<211> 142
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(142)
<223> n = A,T,C or G

<400> 733
```
gaactgagag ttctgatggt cagtccacag naagacggcc ttgcgtctgt gggtgttgga       60
gactccattc taaagatata aaaagtgaaa gaggngaagg ccacctntct acctcaatac      120
gantcattat ttgttctaat ga                                               142
```

<210> 734
<211> 475
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(475)
<223> n = A,T,C or G

<400> 734
```
gactgagacc tcctcaaaga aggcatgctg accaaacaga acaactcgtt ccagcgatcc       60
aagaggaggt actttaagct tcgagggcga acactttact atgctaaaac tgcaaagtcg      120
attatatttg atgaggtaga cctgactgat gccagcgtag cagaatccag caccaaaaat      180
gtcaacaaca gttttacngg tcatcactcc atgtaggaag ctcatcttgn gtgccgacaa      240
caggaaagaa atggaagatt ggattgcagc actcaagact gtccagaaca aagagcattt      300
tgaggttaaa aganangcat atntgtctat gggagcctgc tgangnctct cctgccttca      360
ttctgatcca cccccaccaa ctccacccgt caccccagga gtattcttcc ccaggggacc      420
ccagnatntg tcctngtaaa atngagnncc catggcttct ttcttttgat aggac          475
```

<210> 735
<211> 130
<212> DNA
<213> Mus musculus

<400> 735
```
gaactgaggt tcgtcttggc accagaacaa ggcactgcaa catcaggcct ttgccctaaa       60
cagctcacga tgccaggaac tggccaatta ctactttggc ttcagtggat ggtcgaaaag      120
gatcatcaag                                                             130
```

<210> 736
<211> 365
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(365)
<223> n = A,T,C or G

<400> 736
```
gaactgaggt gcaggngtcc ggggcaggcc cgggacaagt cctacttact gccaccacag        60
nccaccaagc agttcctcat ctcccctccc gcctcacccc ccgtgggggtg gaagcagagt       120
gaagatgcaa tgccagtgat caactatgac ctgctctgcg ctgtctccaa gctgggccca       180
gnatngngga gatgaaggca cacaatttat natttgatnc naatgtcang tgtactgngg       240
nntgaganca tngcttnnan tgaaagagga gcgacagann gcaagaatgt gacccgnagg       300
acactngnga ttacctntaa caaacgttga tgtttgaaac taataaagaa ttggtgcttt       360
ttaag                                                                    365
```

<210> 737
<211> 415
<212> DNA
<213> Mus musculus

<400> 737
```
gaactgaggt aaatttgcta tgctagatta cactccttca aatgtcccgc tggtgaatac        60
tggtctaaag acgtctgttg caagaactgt tctgcaggta catttgtcaa ggcgccctgc       120
gaaatccccc atactcaagg acaatgtgag aagtgtcacc caggaacatt cacagagaaa       180
gataattacc tggatgcttg tatactttgc tccacctgtg ataaagatca ggaaatggtg       240
gccgactgct cagccaccag tgaccggaaa tgccagtgcc gaacaggtct ttactactat       300
gacccaaaat ttccagaatc gtgccgccca tgtaccaagt gtccccaagg aatccctgtc       360
ctccaggaat gcaactccac agctaacact gtgtgcagtt catctgtttc aaaaa           415
```

<210> 738
<211> 524
<212> DNA
<213> Mus musculus

<400> 738
```
gaactgagga tctcatctgg cggtcgggta ctggaagaag cgaggggggag agcgcaccgt        60
tgcagagaga cggcaagaga aaagggagac tgagagtcgc gccacgccgg cgccccaaga       120
cccaggagga gcccgcagca gttaggttgt gctgggaatt ctcccctccc ttttgctcca       180
caatgccttg gtgagcggtc acggcgaccg agctactggt ggaagaattg gggctgagat       240
gtcgcggcgg gtggccgcag atggggatgc tggagaagga aggagttcac ctcaagttcg       300
caatctgtgt cggaaagctg gtccggcctg ggagggcgtt tcgagcaccg gccgcttccg       360
gatctggtgg actgatcggc tttaaacact tcccctagat acccctcccc attccctgtt       420
gcgttccctc tgtcctgcgc caacccgctt gctaaaacag ctgagtggcc aagctgacaa       480
taaaatctca tgcctttgcg gtgaggggca ggggtcatga ctca                       524
```

<210> 739
<211> 439
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(439)
<223> n = A,T,C or G

<400> 739
```
ggctcagtgg ataaaggcac ttgctgccaa gtttattgat ganaangang angnngnnac        60
cnacgtanan acagcnncca gactcacttn tgcnnnctta ntgacctgta cgtgcatgct       120
gggacncact gtacacnctc acacnaatgg acnngaccca agatgncaca cncanggngg       180
gggananaa tacacngatt cacngagnca taataggtgt cttgcgtact nnntgnncac       240
ancatggnag gaangacagc catgctcctg gcactgcaga ggccagatgt tgtggaacga       300
ttggttgttg tanacataag cccggtagga accacacctg gatcacacat tggagccttc       360
atagcagcca tgaaggctgt tgagatccca gagaaggtgc cgcactccca agcccgaaaa       420
ctggcggata agcagctta                                                     439
```

<210> 740
<211> 253
<212> DNA
<213> Mus musculus

<400> 744
gtgagccacc actctnagnt cctgccgccc tcattgngac cttgggtcct cagcncatgc   60
tcgcacttgt gactacagac ttcccagctc tagaactacn tgctaagnct gagngcccgc   120
agacagatct naagagggca tcagatcact tggaactggt agttnaagac agctgtgagt   180
cnccatggag atgcngggaa tggnaactag gccttctgtg agagcngcag nntggcatag   240
ccgcctctcc accncagagt tttaaacata nataccctac cgattcncaa ctgcncctgt   300
cgtgcaagtg tgcagtccct tagntcgctg tttctacttc cctttaaag aaaaaataa   359

<210> 745
<211> 130
<212> DNA
<213> Mus musculus

<400> 745
tctcaaagtc ataatcctca cactccaact tgtattaacc caggctccca tttgctgaag   60
taaaagtact gagttttcca cttaccagta cttttgagta ctgtagcaag tggctgggtc   120
ccattaaaaa   130

<210> 746
<211> 349
<212> DNA
<213> Mus musculus

<400> 746
gaactgagaa aaatattttg acaaaagaag agactactta aaattcaagg aaaaatttga   60
agcaggagga ttccagtctt cacagtcgac ctgaaaattc ctaggctctt tctggacttt   120
cacacaagtg gaatttactc ctctggactt gcagaaatga ttccaggaca aaagcagctt   180
gagtcacagt gtgtatcagc acttgttctc tgtaaacaag agttactaaa ttgttggaat   240
agcaaaagat ctcatcatcc aaactatgaa ggactgcctt aattaaagtg agggatctat   300
tctaagaaaa agcataaaat cattatataa aaagtttatt ataaaaata   349

<210> 747
<211> 215
<212> DNA
<213> Mus musculus

<400> 747
gactgagaga agctgatggt ccagggcatc taaccaaagt ggtagaagaa tcaaagcttt   60
caaaagaaaa tcaggcaaaa gcaaaggaat ccgacttatc agacactctg agtccaagca   120
aggaaaaaag cagcgacgac actacagacg cccagatgga tgagcaagac ctaaatgaac   180
cccttgctaa ggtgtctcta ttaaaaggta tttta   215

<210> 748
<211> 454
<212> DNA
<213> Mus musculus

<400> 748
actgagtttt gtggctaagc ccagactgct tgagtgaaac agccttcagg gacgttccat   60
tctttcgttt atcccagtgc ttacaaccca aaaacaaaat tggattgcca caagtcggcc   120
actggctgag gaagtgcact cggncccctga cacaaatgca tcagtcagga gaaagagcca   180
gcttctcagg tgtcttcaga gaaggccaga ctgacagctg cggtcaccca ttgcagtgct   240
agcagcnatt tcatggactg gaagtgcttg ttggtacttg atccagaaaa ctgtttctca   300

196

```
atctcttaag aggtganggc nggatcntga nctntaanaa ccataaaggc ttccgtgcat        360
atangtgacc cacaagagct ggataaactg cacctgagca gaagtgcagg actcccttgg        420
nggctctgnt ttanataaga aagtgtattt tttg                                    454
```

<210> 749
<211> 241
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(241)
<223> n = A,T,C or G

<400> 749
```
aacattgcca tcgtgaagcc aggcaaaaag ggacagccag ccgttatcat ggcagtggat         60
cctcgatacc ggggcagagt gagcatctct gagtccagct actccctgca tattagcaat        120
ctgacctggg aagactcagg gctttacaac gcccaagtca acttgaagac atctgagtcc        180
cacatcacga agtcttacca tctccgtgtc taccggaggc tgtnaaagcc ccacatcact        240
g                                                                        241
```

<210> 750
<211> 466
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(466)
<223> n = A,T,C or G

<400> 750
```
gaactgaggt tttgtgtgga cagtaatgac cgcacgtttc cgattgcctg ctggcagaac         60
ctacaatgtc cgagcatcag agttggcccg agacagacag catacagagg tcgtttgcaa        120
cattcttctt ctggataaca ctgtacaggc tttcagagtt aacaaacatg atcaggggca        180
agttctgttg gatatagtct tcaagcatct tgatttgact gagcgagact attttggttt        240
acagttggct gacgattcca cagataaccc aaggtggctg gatccaaaca aaccaataag        300
gaagcagcta aagagaggat caccttacaa tttgaacttt agagtcaaat tctttgtaag        360
tgaccccaac aagttacaag aagagtatac aaggttggtt tatggaacta tttctttnga        420
aaacattatc ggagatctaa tatgaaaaat aaaattaact aggcca                       466
```

<210> 751
<211> 504
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(504)
<223> n = A,T,C or G

<400> 751
```
gactgaggca ttgccttttg gcactcgggg agnaagatgc agcaggttcc gtctcagaag         60
taatggctgg atccctgaaa gccaacgggc tcggtgtggt ccacccgtca gaaggcatag        120
gtagatggtg ggcatctgcc tcagacatag ttctcaagtt cagccagaag aatgcagcgt        180
tgagccctct gcagcccgtg tcgacggagg tgttgtctcc aggaagcatc atggaaaggc        240
gtggtggtgc acaagggcct tcaggatgcc tgcgcctggt gacggntgcg cctcaggttc        300
tgggcctgac tcggaagggt gcctgtgagc agaagagctg gcacgcgcag ctcagtggac        360
catcagtgcc aacccgtcct gtaccctggc tgaggggtgt gctaannggc anattcctgg        420
ttggctcctn gtaaggcgng gcacaaaatc accatcgaaa gaaagggcct tcggnatgcc        480
ttctgtctgg atattgccct gtag                                               504
```

<210> 752

197

<400> 752

```
gaactgagaa agtgagtgag aaggtgggag gagcggaagg caccaagctc gatgatgact      60
tcaaagagat ggagaggaaa gtggatgtca ccagcagggc tgtgatggag ataatgacaa     120
aaacgattga atacctccaa cccaatccag cttccagggc taagctcagt atgatcaaca     180
ccatgtcgaa aatccgcggc caagagaagg ggccaggcta ccctcaggcg gaagcactgc     240
tggcagaggc catgctcaag ttcaacctct tggagatgga tatagaacag gtgagccagc     300
tctccgcact tgttcaggct cagctggagt accacaagca ggcagtgcag atcctgcagc     360
aggtcactgt cagactggaa gaaagaataa gacaagcttc atctcagcca agaagggaat     420
atcagcccaa accacggatg agcctagagt ttgccactgg agacagtact cagcccaacg     480
ggggtctctc ccacacaggc acacccaaac cttccaggtg tccaaatgga tc             532
```

<210> 753
<211> 367
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(367)
<223> n = A,T,C or G

<400> 753

```
gaactgagta gcgctgggga cctgtgaccg cngcatccag ctaaccatgg gacagnttgg      60
ctctgntcac cagccccttc ggagaggact ccatcaaggn cccactgcnn attccncatc     120
atgnaggccg anaggatcct tccagccagg ggagctgncc tttgaaaacc naggncgngt     180
actgctggtn ntccntgcca nccaccttca ngagaggctc ctgttnctgc tggcccacgg     240
atggggaggn gggccctgga cgnagncttt gtgtggaagg nagctctgac cctgggnctg     300
accttctata ctactgcttc tncataggca ncacgttcta cnacaaatgg ntgacaaaga     360
gcttcta                                                                367
```

<210> 754
<211> 389
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(389)
<223> n = A,T,C or G

<400> 754

```
taagcagtac gctaatggac atagacagca caatttccag tggacgctca accccggcca      60
tgatgaatgg acaggggagc acgactgctt caagcaaaca cattgcctat aactgttgct     120
gggaccagtg ccaggcatgc ttcaactcca gcccagacct ggcagaccac attcgctcca     180
tacatgtcga tggtcagcgt ggaggggtgt tcgtttgctt gtggaaaggt tgcaaggtgt     240
ataacacccc gtcaaccagt cagagttgnc tacagcggca catgctgaca cacagtggag     300
acaagccttt caagtgtgna gttgntggnt gcaatgccag ctttgcttct cagggagggc     360
tagntcncca tgtacccaca cacttcagt                                       389
```

<210> 755
<211> 797
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(797)
<223> n = A,T,C or G

198

<400> 755
aagtaaaact gagggncaag tcctccatac caaggaccag gctaaaacca gattacactg   60
cccctccctg ggccctattg acttaaagca gccactgtaa tcatgggcaa tatctttggg   120
aaccttctga agagcctaat cggcaagaag gagatgcgca tcctgatggt gggcctggat   180
gctgccggga agaccaccat cctctacaag ctgaaactcg gggagattgt caccaccatc   240
ccgaccattg ggtttaatgt ggagacagtg gaatataaga atatcagctt cacagtctgg   300
gacgtaggtg gccaggacaa gattcggccc ctctggagac actacttcca gaacacccaa   360
ggcttgatat ttgtggttga cagcaatgat cgggagcgag tgaacgaggc ccgggaagag   420
ctgatgagga tgctggcgga ggatgagctc cgggatgctg tgctccttgt gtttgcaaac   480
aaacaggatt tgccgaatgc tatgaatgct gctgagatca cagacaagct ggggctgcac   540
tccctgcgtc accgcaattg gtacattcag gccacctgtg ctaccagcgg ggacgggctg   600
tatgaaggct tggactggct ggccaatcag ctcaaaaaca agaagtgaga gccaggcagc   660
cctctctgac tacccccaccc actcctgaca cacacctgct gnctccttac cccaatttttc   720
ccttcttcct ntttgaaagt ggccaaggtc ctgggtatca tgtccacatg cccagcaagc   780
gccttgcctt tctcctc   797

<210> 756
<211> 452
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(452)
<223> n = A,T,C or G

<400> 756
attgttatct aaagaagcta tccctaacag attttactac caacacagca gtcgaattca   60
gcccattatt ttggttgctg aggaaggctg gacaatcacc ctgaacaagt catcatttaa   120
attaggtgac catggctatg ataattccct gcctagtatg cacccgtttc ttgctgccca   180
cggacctgcc tttagaaaag gttacaggca gagcaccatc aacactgtgg atatttatcc   240
aatgatgtgc cacatcctgg gactaaaacc acatcctaat aatggaaccc tcagtcatac   300
caagtgcttg ttggtggacc agtggtgcat taatctccca naagccattg gaattgttgt   360
tanngcacta ttgntattaa ccatgctaac aggcctgatg atattnattg nggagcagan   420
catnccacat cccgnccatt ctcccgtctt ca   452

<210> 757
<211> 247
<212> DNA
<213> Mus musculus

<400> 757
agtgggcata tgaacagtgt gcaactggga gaaacttgtc tccccggcca ttaggactag   60
tccttgaagg ggttccttca aacttgagcc atttacaggt accacgcgga gcctgagaaa   120
agaaaaacca taaagaccgc cacactcaag atggcgttgg actcggcaag cgtggcagtg   180
acgtggcgac tcggctcacg ccgaacaact tcaaaatact atattactcc atttttaaaa   240
aaaaaaa   247

<210> 758
<211> 108
<212> DNA
<213> Mus musculus

<400> 758
gactgaggct cagacaagag aaaagctcta gaagagacca aagcatatac aactcaatct   60
ctagctagtg ttgcttatca aataaatgca ttggccaaca aaaaaaaa   108

<210> 759
<211> 468
<212> DNA
<213> Mus musculus

<400> 759

199

```
tgagcaccat gaaggtgaag gagacaaact caaagccaaa gttggcaagc cgtggcacgt        60
tccagaggaa gggcatcaag attgtgggga aatggaagca agtgacgatc gacccgaatc       120
tgtttgcaga tggacagatg gatgacctgg tgtgctttga agagctgaca gattaccgtt       180
tagtcaagaa tccctcccgt ttgttctcaa gtgaggagac aaagaagaga aaggcccagg       240
ctgtttcaga agaggaagaa gaggaggaag gacagtccag ctccccaaag aaaaagatca       300
agttgaagaa gcagagagat gcggcacgag ctgccgaagg cgctgctgcc cagaatgagt       360
atgaagtcaa agcgtccgag ccagaggctc agggagaagt cactgcttgt tctgatcaaa       420
aggtcggagg agccaaatca gaaagcctgg cccaggctgc tccaagaa                     468

<210> 760
<211> 153
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(153)
<223> n = A,T,C or G

<400> 760
ctcttatgaa ctcctagaag gcagngacat ctactttcca gagattgtga agcctccccg        60
gaatccagag ctagttgccc ggctagagaa gattaagata cagctagcca atgaggagta       120
taagcaggat cactcgcaat gtcacttgtc agg                                    153

<210> 761
<211> 495
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(495)
<223> n = A,T,C or G

<400> 761
tgaggacttg ctgaaaatga atattgatat gaacaagcat cttgtgactg gttctgttca        60
agccaaggta ctgaaatggg gtgaagacnt agaagacttg atgtcaccag actacatatt       120
gatggcagac tgtatatact atgaggagtc cttggaacca ctgctgaaaa cattaaaaga       180
tctcagtgga tctgaaactt gtattatatg ttgttacgaa caacgtacaa tggggaaaaa       240
tccagaaatt gagaagaagt attttgagct cctgcagcta gactttgact ttgaagaaat       300
cccttttggac aaacatgatg aagaataccg aagtgaagac attcatattg tgtacatcag       360
aaagaaaaag ccaaaaccgc catcatgaag cgcttctcca tcttagccac gccccgcaac       420
atccctgggt aaggtcaaga tgtgaacgga gcatgtgcat acccgcatgg aaaactgcct       480
cacagatttc tccag                                                        495

<210> 762
<211> 420
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(420)
<223> n = A,T,C or G

<400> 762
agactgagac agctagcagc ggtgcctgag ttccagggca ctagggcctc tcttcaagtc        60
ctctcctgag ccagtggccc tcacagagtc cgagaccgag tatgtcatcc gttgcaccaa       120
acacaccttn tctgatcact tggtgttcca gnttgactgc acaaacaccc tcaatgacca       180
gactntggag aatgtcacag tgcaaangga gcccactgag gcatacgaag tgctctcgta       240
ngggcctgcg cggagcttgc cctacaacca gnctgggacc tgctacacac tantggctct       300
gcccactgaa gaccccacag ntgtggcatg cacgttcagc tgtgtgatga aagttcactg       360
ttaagggact ggngatccca acaanaggag aantcganga aagaaggcta tgaggatgag       420
```

```
<210> 763
<211> 286
<212> DNA
<213> Mus musculus

<400> 763
gaactgagac ccattgtgcc gaaaatcttc tcaaggcgga cacttaccgg aagtggcggg        60
cagccaaggc aggagagaag accatctctg tggtcctaca gggctggaga gatggctcag       120
cggttaagag cactggctgc tcttccagag gtcctgagtt caattcccag caaccacatg       180
gtggctcaca accatctgta atggaatccg atgtcctctt ctcgtgtgtc tgaagacagc       240
tacagtgtac taatatacat aaaataaatg aataaattaa aaaaaa                      286

<210> 764
<211> 131
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(131)
<223> n = A,T,C or G

<400> 764
gagatctgac ccttgcanac cggcctgggng gagggaaatg natacnnntg anaanggnan        60
tcacttcttt tctgctggcc ctctaagaca tttntgcttc atatttataa acnaaataaa       120
cttaaagccg g                                                            131

<210> 765
<211> 408
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(408)
<223> n = A,T,C or G

<400> 765
atataccctac gcagacatcc tgatgttcga gagtcactag gtcccctgtt ggcccctacc        60
cctctccgtc catggcccca gatgacactt cagggcttct ctgtgtatcg atggntgtcc       120
tanaacttgc tctgtagacc aggctggccc caaaatcaga gctttgacct gcctctggct       180
cccaagngca gggattaaag gcgtggggca cctctgtcag gctgatacac tgtatctcat       240
ggatatgtct cttaactttt taatagtccc tcagtttctt cattccactt taattactaa       300
tccctgtttg tcaagtacag tttgacagag tctgagtttg cttgattaga ttcaggttaa       360
aatccgnttc ttactctatt aaacaaagnt taaattacaa aaaaaaaa                    408

<210> 766
<211> 191
<212> DNA
<213> Mus musculus

<400> 766
gaactgaggg ttccaagact gccctttggt attcaaacgg gagccgcttt ggactgactg        60
gctgccttcc tcctcctccc cctcctcccc cttctgcttc agatttattt attatatgta       120
agtacactgt agcagttgta ggacacacta gacgagggca ccagatctca ttgtgggtgg       180
ttgaaagaca c                                                            191

<210> 767
<211> 471
<212> DNA
<213> Mus musculus

<220>
```

<221> misc_feature
<222> (1)...(471)
<223> n = A,T,C or G

<400> 767
aatacacaaa ctcgagctac ttctaaacta cctgttaaat ccaaagaagc ggatttgctt   60
agacatcttc atccaggagg gccagagcct gatgttacaa aagtcaccaa atcgagacga   120
gagaatgggc aggtgaaagc ggcagagact gccagcagga ggaacctcag aaacagctac   180
aaaccgttta ataagcaaaa accggaggag gaactaaagg ataaaaatga gctgctggag   240
gctgtcaaca agcagttaca ccagaagctg acagagactc agggagagct gaaggacctg   300
acacagaaag tggagctact gggagaagtt tcaggataac tgcttagcac ttttggagag   360
caaaggtctc aacccaggcc aagagaccct ggcatcaaag caggaaccca ccacagatca   420
cacggactcc atgctgntgc tcgaaacttt gaaagacgaa ctgaaggttt t   471

<210> 768
<211> 219
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(219)
<223> n = A,T,C or G

<400> 768
tgacatgtga gcttggggtt atactgtgcc ataattaaca ttgccttgac nactntggac   60
accgagactg gcctcataag tagaaggctt tntttttttt tttttaanac agactcncca   120
tnttnntgna tatgcgaaag nantttggtc cnncacccccc tctntgggac anaaactntn   180
tgtgtancct tgggtgnana ccaccgtagg ccttgaact   219

<210> 769
<211> 423
<212> DNA
<213> Mus musculus

<400> 769
gaactgaggt gactcctgct caggtcatgc cgttatctgc tgatccagcc ggccctgcca   60
ggtgaccatg tctgtcctcg gcccagttct tctccaggtg ttctgggccg ggtgtgtcgt   120
caccctgcgg tccctctgc cagctgcttt cactgccaat ggcacacatc tacaacactt   180
ggcaagggac cccaccacag gtaccctcta tgtaggggcc accaacttcc tgttccagtt   240
gagccctggg ctgcagctgg aagccgtggt gtccacgggc cctgtgaatg acagccggga   300
ttgcctgcca cctgtgatac ctgatgaatg tccccaagcc cagcctacta acaaccctaa   360
ccagctgctc ctggtgagcc cagaggctct ggtggtgtgt gggagcatac accaggcat   420
ctg   423

<210> 770
<211> 554
<212> DNA
<213> Mus musculus

<400> 770
gaactgagat gatgactttg accagtttga caagcctggt gcagaacggt cctggagaag   60
aagagctgct gacgaggact gggacagtga actggaagat gacttgcttg agaagatttt   120
actgtctggc aaaaagaacc agtcggattt gtcagatgaa gagctgaatg atgatctgtt   180
acagagtgat aacgaagagg aagaaaattt cagttctcag ggtgtcacca tcagtctgaa   240
taccacctct ggcatagtta catcatttga gctgtctgac aacaccaatg accaatccgg   300
agaacaggaa tctgagtatg aacaaggaga tgatgagcta gcctaccaca aacctgagga   360
acaagaactg tatactcaag agtacccaga ggaaggacag tatgaaggcc atgatgcaga   420
gttgacagaa gaccaaatag aatatgggga tgagccagag gaggagcagc tgtacagtga   480
tgaagtgctg gacatcgaaa tcaatgaacc tttagatgaa tttacaggag gaatggaaag   540
aggaatggga aacc   554

<210> 771

```
<211> 104
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(104)
<223> n = A,T,C or G

<400> 771
gactgaggca tactccagca cccagntggt acagttctga aacagctaca gccaccgcca      60
nggngcccaa gagagctgga attttatacc atggtttact gctg                      104

<210> 772
<211> 456
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(456)
<223> n = A,T,C or G

<400> 772
gaactgaggc attttgtgaa agaaggaaga tcctgtctgc tgcatggata atggactgga      60
acacagaaag accatgcagg gttcggctgt agaaggccgg tatctccata ggccaganna     120
caccatcang atctcctggg actggagtta tanaggttgt gagctgccat gttgaaccaa     180
nctggttact gagggacaca ggcatgtgga tggaaaccct gctgggagaa aaacantanc     240
tggtntgtcn ctttatagcc cncttnatga tgcaaganan aatcggctnc ncacaactng     300
nctctgacct ntncatgctt gctgtacctt gtgctcaccc tacccacaca ccntcgnnat     360
catnatcaac ataacgtttt taaatatann aagtntattc aaatatatgt gtataaatac     420
atntatanat aaatatgtga atacattaaa aaaaaa                               456

<210> 773
<211> 163
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(163)
<223> n = A,T,C or G

<400> 773
cacactttcg cgctcagcgt cgacggaggc tctgtggctc tctacgtaaa actgntgaaa      60
gaattccaga gggtgccatt tgctcgggcc tagcagggac tggagctaga gcgtggcgct     120
ggnctctttg nggggtcagg ctggaacagg gagaccctga ctg                       163

<210> 774
<211> 400
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(400)
<223> n = A,T,C or G

<400> 774
gactgaggac ttaagatgcc ttctttgntc atacaccgtt taggacatgg aagattttca      60
ggtccggtga agacantgcn acccnagtga gcattncana tcatgtntaa agagaggtaa     120
gagatatgct gcanagtcca aagaacaaga tgggtgtggc tcagatggct ttacatattt     180
caaganccaa gaccccctgt ctgctacaac tctgctgtgc angccctgag cacanctgca     240
```

```
gctttctctg acacaccatc ccacagggac tttctcacct atacagtgtt ctcatgtcaa      300
ataagatcgt tgtacaaggt ctttgttaca ttgaacccctg aatttattca gttatgttaa     360
gngcaataaa atacctgggt tttgtacttg cagaaaaaaa                            400

<210> 775
<211> 181
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(181)
<223> n = A,T,C or G

<400> 775
gactgagggt ttctctgngt agccctggct gtcctggact cactctgtnc accaggaccc      60
nnacccaaga gatctgcttg cttttgcacc tcangactaa atctaangaa agatggatac      120
ctacaatggt gaatttgngg actctgtttg agcagcttgt gcagccggat ggagattatc      180
a                                                                      181

<210> 776
<211> 172
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(172)
<223> n = A,T,C or G

<400> 776
gatatccctg agatggacac agtccacctg ngtggcctaa ggatgcaggg cagaggaact      60
gcccatgggc agtggttcat cggccaagct gagagtgtgt attttggatt tccggtttgc      120
ggagatgctc tcttccgggt gttctgccca aaataaagga cctggacaag aa            172

<210> 777
<211> 318
<212> DNA
<213> Mus musculus

<400> 777
gaactgaggt acaccaaatt gaagaccgcc ccaacatcta catcttcaat ctggctttgg      60
ctgatgcgct ggccaccagc acgctgccct tccagagcgc caagtacttg atggaaacgt      120
ggccgtttgg cgagctgctg tgcaaggctg tgctctccat tgactactac aacatgttca      180
ctagcatctt caccctcacc atgatgagcg tggaccgcta cattgctgtc tgccatcctg      240
tcaaagccct ggacttccgg acaccagcca aggccaagct gatcaatata tgcatctggg      300
tcttggcaaa aaaaaaaa                                                    318

<210> 778
<211> 453
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(453)
<223> n = A,T,C or G

<400> 778
gaaagcagtt atgatgccgn caaagccctg cancgcctgg tgaagaagcc tgtgcccaag      60
ctgatcgaga agtgctggac agaggatgaa gtgaaacgct tcgttaaggg gctccgacaa      120
tactggcaag aacttcttca gaatcagaaa ggagctgctt cccagtaagg aaaccggggga     180
actgattacc ttctattact actggaagaa aacaccagag gnnttcagct nccgtgccca      240
```

204

```
ccgncgccac cgcaggcagg cagtgttcac gaagaattaa gactcgcaca gcgtccaccc    300
ctgtnaacac gccctncaga ccaccttcca gtgaattctt ggacctgagt tcaaatccca    360
gcaaccacat ggtggctnac aaccatcctg taanagagat ctgactccct cttnctggag    420
tgtctgaaga cagctacaag cgtacttaca tat                                 453


<210> 779
<211> 571
<212> DNA
<213> Mus musculus


<400> 779
ggtttcacta tgtagaccct ggtcggcctg gaactctata gaccagactg gcctcgagct     60
cagatccgtc cccctctgct gtcccagcac ggggattaag aacgcgccac cactacagct    120
gaccggagct tcactttggt tagacacaaa cacaacacag cttgtcgtca aacaccgtga    180
catgaatgag aaggaattag aagcccagga ggcacgaaag gcccagttgg aaaaccacga    240
accagaggaa gaggaggagg aagagatgga ggctgaagag aaagaagctg ggggctcaga    300
tgaggaacag gagaagggta gcagcagcga gaaagaaggc agcgaggatg aacactctgg    360
aagtgagagt gaccgagaag agggtgacag agatgaggca agtgacaaga gtggcagcgg    420
tgaggatgaa agcagcgagg atgaagcacg tgctgcccgg gacaaagagg agatttttgg    480
tagtgatgct gattcaaaag atgatgctga ctcttgatga tgaggacaga gggcaggccc    540
acaggggcag tgacaatgac tcggacagcg g                                   571


<210> 780
<211> 145
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(145)
<223> n = A,T,C or G


<400> 780
cagcgccggt ggctggcgac ttcacggctg nngacgtcat gacgagcgag gngattgang     60
atgacanana gtttttattng anggccatga cctactgtaa gcagatccca cccacggtgg    120
acggcatgct cggggggaat gtcca                                          145


<210> 781
<211> 302
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(302)
<223> n = A,T,C or G


<400> 781
cagcacgtct taaaacattt actgctaacc agattgatga antaaaagac ccttcaggac     60
tcttttatat ccttcctttt caaaagggat acttggngaa tngggatgnc cagcgacang    120
nttgggatta tcttttggga aaagaaatgt atcaggnnga gtctttanat actaatatta    180
ntatnacaga accatatttt aactncactn cnatccaaga ntcantgaan gaantcctat    240
tcgaagaana ncaggtccaa gcaggattaa gagtaaatgc cggggctctc agcgcacaca    300
gg                                                                  302


<210> 782
<211> 182
<212> DNA
<213> Mus musculus


<220>
<221> misc_feature
<222> (1)...(182)
```

<223> n = A,T,C or G

<400> 782
tcattgaaca catccaggtg aacaaggcac ctaagatgcn ccgacgaacc tacngagctc   60
atggncggat taacccatac atgagctccc cctgccacat tngagatgat cctcantgag   120
aaggaacaga ttcgttccaa anccacnaat aggaggttng cacagaacaa aaagatatcc   180
ca   182

<210> 783
<211> 453
<212> DNA
<213> Mus musculus

<400> 783
gaactgaggc ctctaatttt aagaagacaa ccatggcatc cagtgcccag agaaaaagga   60
tgagtcctaa gcctgaactt actgaagacc agaaacagga aatccgggaa gctttttgatc   120
tctttgatgc tgatggaact ggaactatag acatcaaaga actgaaggtg gcaatgaggg   180
ccctgggctt tgagcccaag aaagaagaaa ttaagaaaat gataagtgaa attgataaag   240
aaggaacagg aaaaatgaac ttcagtgact ttttgacagt gatgactcag aaaatgtctg   300
agaaagacac taaagaagaa atcctgaaag ctttcaagtt gttcgatgat gatgagactg   360
ggaaaatatc attcaagaat cttaagcgcg tggccaagga gctgggtgag aacctgacag   420
atgaggaact gcaggaaatg attgatgaag ctg   453

<210> 784
<211> 260
<212> DNA
<213> Mus musculus

<400> 784
gaactgagga ttcccgagga ccggtgcagc agcctttgga ggatcggctc ttcccaccta   60
cggtctctgc agtctatagc acggtccctg tagtcctggc tatcctggag cttgctgtat   120
aaaccactgt ggccacaagc tcccagagat gttcctgcct ctccctccca tactggaact   180
aaagctgttc atcatcacat tcctttcaat aagcgtttct ttaataatat aacttggaag   240
ccatatgaaa taataaaaaa   260

<210> 785
<211> 115
<212> DNA
<213> Mus musculus

<400> 785
gaagaagatg gactcacatg agcacaagtt cagaaatgaa tagtttgaaa gtaggttctt   60
ggaaaataaa taaataaata aataataaa gacaatggaa tggaagaaa aaaaa   115

<210> 786
<211> 400
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(400)
<223> n = A,T,C or G

<400> 786
actaactgat gatgatgttg aacagagccc aggcaatgcc ttatgtggat cggcagaacc   60
gaatctgtgg gnttctggat attgaagaca atgagaacag tggcaaattc ctccggagat   120
actttatcct ggatacccan nncaactgcc tcctctggta catggacaat ccccagaacc   180
tggccgttgg ggcaggagct gtnggatctc tgcagctgac ctacntcncn aaggttntna   240
tagntccccc aaagcagaaa cctaaaacac cattntgctt cnntatcaat gccctgtctn   300
agagatnttt tnttcaagcc antgaccana aagatctgan ggactgggnn cnaagacntt   360
gnaccaagcc canccaagat tacctgtacc caaagctgcg   400

<210> 787
<211> 542
<212> DNA
<213> Mus musculus

<400> 787
```
gaactgaggc acgggcagtg gttctgtatc ccacgcaatc atccgcagcg ttgcccccac      60
tggccaccta cacacagtag agttccacca gcaacgggca ggacaaggcc cgggaggaat     120
tccaggagca tcggctgagc cagtgggtga ctgtgcacac ccaggatgtg tgctgcagtg     180
gcttcggtgt ggtccacgtg gctgacgctg tcttcttgga tatcccatca ccctgggaag     240
ctgtgggcca tgcctgggat gccctcaagg ttgaaggtgg gcgtttctgc tccttctctc     300
cgtgcattga gcaggtgcag cggacatgcc aggcgctggc agcccatggc ttcacagagc     360
ttagcaccct ggaggtactg ccacaggtct acaatgtgcg cactgtcagt ctgcccttgc     420
ccgacctggg ggccaacaac ttagagacca acatgggctc tgatgccagc cccttccgta     480
gtggcacacc catgaaggag actgtgggcc acactggcta cctgactttt gccactaaaa     540
cc                                                                    542
```

<210> 788
<211> 300
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

<400> 788
```
aagaatcatg gtgagcacaa ngaagaaata antgaagcgg ngccaggggg tggttcctca      60
tgagatgnaa ggccaccana ggaaagcacc cannaaatga tggaggagga ggaagaaata     120
ccgnnaccta nttcagcggt ggcaccacca ggtgctccna agaaggaaca tgtnaatgtn     180
gtgttcatcg tacatgttga tgcnggcaag tcaaccattg taggacaaat aatgtatttn     240
actggnntgg tngacaaaag gacacttgnn aagtatgatc ganaagctaa taaaaaaaaa     300
```

<210> 789
<211> 359
<212> DNA
<213> Mus musculus

<400> 789
```
gaactgagat ccctgctgtc tgaatggagg accacagtag gccacgggag gaggagaatc      60
aagatgctgc agttgacagt caggtgaccc tctgaagctc atctgcctct tcaaccatca     120
ggtctaggtg gctgtgctgt agactctgtt accctgtgac gtgctggtgc ggggagttcc     180
atagggagga cgctccatgt cctggaagcc agaaatgggg ctggtgtcat ttgaggatat     240
agctgtggaa ttcacctggc aggaatggca ggacctgaat gaaggtcaga gaactctcta     300
cagggatgtg atgctggaga actacagcaa cttgctgttc ttggggcaca aaaaaaaaa     359
```

<210> 790
<211> 245
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(245)
<223> n = A,T,C or G

<400> 790
```
aatctcagga tgcacataag ntgctttgnn ngacaccntg gaggaagana acgagaagga      60
tctggtagag actagctaaa cgcnttaana gagaaaaaga gantggtggc atcattaatt     120
ntgnggaana ggangcgaac anaangaagc aganagnntt ngggagcaca ctgaatggca     180
aggatggaac tgggtcccat ctagngacag ngcctnctgg acctagcttg gctgatgctc     240
tcatc                                                                 245
```

<210> 791
<211> 533
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(533)
<223> n = A,T,C or G

<400> 791
atggagctaa tgcacccatc cgaagaacaa agaagagccc aaagcccggc ccttgagagt   60
gggtgacaca gaaaagccag agcctgaacg gtcccctccc aaccgcaagc gtcctgctaa   120
tgaaaaggcc acagatgact accactatga gaagttcaag aagatgaaca ggcgctactn   180
gaggcagcgg tagggctgg ataacgatgt gatgcacagg ggtgcgtttg tgtgcatgtg   240
caagcgtggg ggcacacaca catgtcctct tgcataaaac ctgcttatta gctcttgagt   300
tccccatcag atagtgcttc tgctcagtgg ctggatttct gttctggttt tggttggaga   360
ctgtagctct ctgtgtatcc taggccatga actccctcct cctccctact actgggattt   420
tagacccccc accccctgca tttttcaagca ctaactttgt aactattngg aagaaaacaa   480
tggtgtctat gtctatctat attgtttccc taccctaggg catgacactg ata   533

<210> 792
<211> 498
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(498)
<223> n = A,T,C or G

<400> 792
gactgagaca gctcagtgta naanagagan gacggagaag ganatggaga nggagaanga   60
naaggagnng angaaganna agaagacgat cancatgttt gatggcagac gtcttcttnc   120
nncganctcc ctgtccttag gaaaagaggg aaacngatgg aacanggnta taggcctaag   180
acnggntttc tgtgtgtacc cctgnctgtc ttggaactca ctctgtagac gaggctgncc   240
ttgnattcag aaatcnncct gcctctgctt cctgantgct gngattanag gcgtgcacca   300
ccatgcccng ctggaattca acacttntat cttttgcttg gtgacttatt atagtttgct   360
gagaaaaaaa gttcaatttc ttttgtttaa aaattgtgaa tgcacatttg catatttgag   420
acagcatctt gctatgtatc ccagtctacc cttgctgttt tgttaaaata caagtaacaa   480
acttgtcaaa aaaaaaaa   498

<210> 793
<211> 427
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(427)
<223> n = A,T,C or G

<400> 793
aactgagaga cggaagcagc tacttgaggc gagccacagc tcagatcatg gaaatcagta   60
tgcaagccca ggagaactgc aggagttggc atcatattca tgtannatca gtgntaactc   120
tgggctacng agacgaatgt tggactacta tgtgtctcac tgacaagaca ctgnnggtca   180
ncgatgggag acagaactca ccatttaaaa agatnaagaa ngaacaccac ccnactaaga   240
tatgaaaaag gaagcacgan ggnaangctg agagaaacag atgctaccca caggcagcg   300
gagccatttg gttgtttgg tctttgtacc ancaactccc actcctgtga acggngtcca   360
gttccagctg nactacacgg tttttccttg cagtcaaaac gcgaacaatg gacccactc   420
ctccagc   427

<210> 794

<211> 446
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(446)
<223> n = A,T,C or G

<400> 794
gaactgagac tgaaggnctt ttaccagagt ctctgctgtt ctcctcggat tcttcctcct   60
cctcatcgtc atcggagtac ttcttctttg gggnctttct ccgcaaacgc ctgctttgcc   120
tcattggccg agaaggatgc cgcctcagtc ttcggctgca gaagtcagtg tcgctgncct   180
cattggatgg tggctcttct tcactttcat ctggattttc atcagacaca acaaactcat   240
cctgagatct gtccaggaaa agccagatac atcacgatgg tacacttaga gtttggtntg   300
ntttggnaca ttnagaagng ataaccagtt tttcaaagnt ccaaacacat tgtaaagaac   360
ccaggaaaac attaagtaaa tntaaagata tatttggaaa attatgtcaa ctttgccaat   420
aaaatgtatg ttctaccatc taaaaa   446

<210> 795
<211> 219
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(219)
<223> n = A,T,C or G

<400> 795
cttcacatca tttggnctgn accatangcn tgnnngnntg gtnntctnca gngcctggac   60
ccattgacca gcccctgag ggggaggatg agcacatgga gtctctggac ttagaggctg   120
acaggatccg gcaggagctg atactcactc atttcagtta gaatgagggt agagggagga   180
ggaaggcttt ccagaataaa ccgacaattt cccccctta   219

<210> 796
<211> 462
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(462)
<223> n = A,T,C or G

<400> 796
gaactgaggt ctactgcgcg ccgcgcgagc atacgccgcc gtccagaaac cagtccaacc   60
caagcaggac gatgaaccac cctcctctgc gttcatcaaa gaatacaagg acatcatccc   120
caacatagag aaggttgntg atnntgtgnn tggaangttg nctttggana tggccgnccn   180
gactganntn nnanaggtcc cgnagngaac aatncgatga acnanatggt ggntnaccct   240
gangngtncn gagcntngnn ggcttattcn ngagccttga atgacaggnt ccgcgttntt   300
gtataccttca tgcagataca tnnaaaggac aaagcccaca aacgccatct gntgatgagc   360
atcgaccgga ggaaaaagtt gntcaaaatc ctccgtcaga ccaactatga tgtcttcgaa   420
aagacatgca nggagctagg ggtggnatat accttacccc ct   462

<210> 797
<211> 500
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(500)

209

<400> 797

```
actgagacct ataggatnag nnataatggg agcatttta gacaagccna agcatgnaga      60
ancntaatgc ccangggcag gngantgggt taccatacng cctacgcngc atgcaaggtt    120
gncgagttga aatggaggac agcacacacg gctgttgatc tngtttgcca agtggacttg    180
agacatggnc attctttgct gtatatgatg ggcatgctgg ttctcaggtt gccaaatact    240
gctgtgagca cttgttagat cacatcacca ataaccagga tttcagagga tctgcaggag    300
caccttctgt ggagaacgta aagaatggaa tcagaacagg gtttctggag attgatgaac    360
acatgagagt tatgtcagag aagaaacatg gtgcagatag aagcgggtca acagctgtgg    420
gcgtcttaat ctctncccaa catacttatt tnattaactg tggagactcg agaggtttac    480
ttttgtagga ataagaaaag                                                500
```

<210> 798
<211> 524
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(524)
<223> n = A,T,C or G

<400> 798

```
tgagttgctc taggtcgtaa ccagcctttg aaaaaggaga aaccaaaatg gaaaagtgac      60
tatcccatga cagatggaca actgcgcagc aagagggatg aattctggga cactgcacca    120
gcttttgaag gccggaaaga gatctgggat gccttgaagg ccgctgcaca tgcttttgaa    180
agcaatgatc atgaactggc acaggcaatc attgacggtg caaacataac actaccacac    240
ggtgcactga cagagtgcta cgatgagctg gggaaccggt accagctgcc agtctattgc    300
ctggcaccac caatcaacat gatagaggaa aagagtgaca taaagactct tgatattcct    360
gagccacctc ccaattctgg acacnaatct cagctccgcc tgcggctctc cacaggcaaa    420
gacctcaggc tcgtggtccg cagcacagac acagtgtttc acatgaagag gcgcttacac    480
gccacaaagg gcgtggagcc aggcagccag cgcttggttc ttct                     524
```

<210> 799
<211> 407
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(407)
<223> n = A,T,C or G

<400> 799

```
aactgaggac ttttcccgca ggctgcgagg ggacccacag ttcgtggcca cttgcctcct      60
ggggagggcg actctcctcc catccactca agatgctcag gggtccggga cccgggcggc    120
tgctagctgc tggcagtcct gtgcctgggg acctcggtgc gctgcaccga agccgggaag    180
agcaagaggc aggctcagca aatcgtgcag cctcaatccc cggtggctgt cagtcanagc    240
aagcctggct gttttgacaa tgggaagcac tatcagataa atcagcagtg ggaacggacc    300
tacctaggca acgccctggt ttgtacctgc tatggaggaa gccggggttt taactgcgan    360
agcaagccct gngcngtaag tggaaggcan ntctggggcc ctgggca                  407
```

<210> 800
<211> 513
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(513)
<223> n = A,T,C or G

```
<400> 800
gattggcata agatatttct tcaagattgg acagctgctg gcctgctact tctgttagct      60
gcaagagata acaccatcat ggatctgcag acacagctga aggaagtatt aagagaaaac     120
gatctttga ggaaagatgt ggaagtaaag gagagcaaat taagttcatc aatgaatagt     180
atcaagacct tctggagccc agagttaaag aaagagcggg ccttganaaa agatgaagct     240
tccaaaatca ccatttggaa ggagcagtac cgagttgtac aggaggaaaa ccaggttagt     300
ttcatttata catttatctt tatgggctga gtccatgtat ataaacaaaa agaggcattc     360
cttttccatc ccgtcttaga tttccccat ctttggtctt ttatttttt tatttatcct      420
ttttacttta gaactctgtt tctantatct tagcctttt aagacttgtt cctgtacatg     480
gtgcaaaaca ctcacacata taaaattaaa aaa                                  513

<210> 801
<211> 490
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(490)
<223> n = A,T,C or G

<400> 801
gaactgaggg tctgcactga acctgagctc accagttcag ctagactgcc tggccagtga      60
actccaaaga ctgacctgtc tctcccttcc cgttgctgga attacagaaa gtatttgctg     120
gcctcctgtc ctggaaaaat agctggactt tccaggatac agtgagtgag tacaagcaag     180
ttgctgtaga gtgacaagaa cctcacaagc taaaagaaga gaaagcattt tggacattgc     240
gtaacagaag agaatatcta ctaaggtgct tgtcagctgt gaaatgtct gacaagaacc      300
aaatcattgc cagggcttcc ttgattgagc aactggtgtc taaaaggttt tttgaagaaa     360
tcancttgna gctgtcaagt ctganttata ttttggtata ttntntccat atggcattcc     420
agggtggntc accatggngc aatgtgntag tcctttacng agngacttac agagtcatca     480
acaactcaag                                                            490

<210> 802
<211> 414
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(414)
<223> n = A,T,C or G

<400> 802
caatgcttac ctgctnttgn ccgaagatct gaanagcgtg nggtatggga gggaccaggc      60
agcaattacc tgacaaccca gagcgattng tcagtcctgc aanctgtgtt gggagcccan     120
attttcacct gcggnagaca ctactgggaa gtgcaagnng ngaaagaaga cggagtggca     180
agtggngatc tgcanggact ttgngaacag aaagggggan ttcncccaaa nctgnccggg     240
gacctcttcn cactcatagg cttaaaaatc gncgaccnat tacaagtctc ttggnttnca     300
tctcccctga aagggcaaca tgtcncggag nancccgtgn cntacaggct ggngnagttn     360
tttggactat gactctgnan cccataancc ttatacaatt gcgaacagga tgga          414

<210> 803
<211> 318
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(318)
<223> n = A,T,C or G

<400> 803
cacaaacgtg tatcttggta tgcaggggnn taccagtagg acaacttata gaattggctc      60
```

```
tctccttnnn tgngggtccc anagacagna ctccggccat cagacttgga agccagcacc    120
tctaccagct gaatcatctt tgcctgcctt aaagtgaatt tccttaagag ggagaatgtt    180
ctaggngtgg cttcacagag acagtggtta ccggccngtt ttntnagcgn agcttgaagt    240
gggaggctgg gtggcacaca tgggagacca aagagatgtg acttntttcc ctagcctctt    300
ttggtgtgtg tgtgtgtg                                                 318
```

<210> 804
<211> 167
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(167)
<223> n = A,T,C or G

<400> 804
```
aactgaggga actggaagct gcaagcatcc tcagctgaca actgcacctc cgcgaatggc     60
tgggtctctg tagtaaaact gcggtggnag gccattgtga ttgtnataga cccngagaaa    120
cctgnactga cgccctttta aactgcagtc aggaggaggc tgactaa                 167
```

<210> 805
<211> 494
<212> DNA
<213> Mus musculus

<400> 805
```
aactgagatt gccttgggtc cccggtattc acgcccatca aggcagacat aagcggtaac     60
atcaccaaaa tcaaagccgt atatgacacc gacccagcca agttcaagac cctgcagaac    120
atcctggagg tggagaaggg gatgtatggg gcggagtggc ctaaagtggg ggccactctg    180
gcactgctgt ggctgaaaag gggcctgcgc ttcatccagg tgttcctgca gagcatctgc    240
gatggggaac gcgacgagaa ccaccccaac ctcatccgag tcaacgccaa caaggcctat    300
gagatggccc tgaagaagta ccatggctgg ctggtgcaga agatcttcaa ggccgccctg    360
tacgcagcac cttacaagtc cgacttcctc aaggcactct ccaaggggca gaacgtgaca    420
gaggaggagt gcctggagaa gatccgcctc ttcctggtca actacacggc caccattgac    480
gccatctacg acat                                                    494
```

<210> 806
<211> 265
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(265)
<223> n = A,T,C or G

<400> 806
```
aactgaggaa ggggaagaag aaggagatga ggaaaacgat ccagactatg acccaaagaa     60
ggatcagaac ccagccgagt gcaagcagca gtgagcagtg actggccttg aggacggccg    120
ccctggccta ccttctgctt tcctggaaaa gatgaatata catcatatga acctattttg    180
agtttttctg ttgtttgttt gcctaatttt gtttttatag cctaaaataa aaatatgaca    240
cagntttagc tctcaaaaaa aaaaa                                         265
```

<210> 807
<211> 115
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(115)
<223> n = A,T,C or G

212

<400> 807
```
gtagtcccgc ttccaccaaa actctgtgtt tcctttctct caaaataaaa ctcaacaagc      60
cataaagctt ncgacgccgg tggagangge gcccncgnat ttatggcccc tgaat          115
```

<210> 808
<211> 544
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(544)
<223> n = A,T,C or G

<400> 808
```
gactgagagc tgctctcaga nctgctgctg ctgctgctgc tggcacganc tntngtccga      60
gtccnntgag gaggaggacg aagagganga ataggaccan gnacaggccg aggaagagga     120
ggaggaggag ganctagaga ggctttcatc tgagtcactg tcttctgaag aggatgaggc     180
ggatgtctca ctctctgatg aagactcact ggccgaactg tcactgctag agatcnnctc     240
tnngtagana nngttcttct ttgtcttctt tgcgacaagg tctcacgtan cctaggctan     300
gcctgaagat gctgctgaac gcttgacccc tccgcttccc ttacacagcg tcacggatgg     360
atctcagaac cttgtgcatg ctaggcaagc nctctgcaaa ctgagctaca tctcancccg     420
acttctaccc tgtgcttgga cctcaaaggt ttcccaaatg antctctgct ccctgatgag     480
gagagtagct cgatcctgcc ncanacganc cagcncgggc ttcactctaa ccatctccaa     540
aaaa                                                                 544
```

<210> 809
<211> 338
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(338)
<223> n = A,T,C or G

<400> 809
```
tcccacctgt acctgtgtct gtgtccagcc aggaagacnn gttgcctnan ctacctcccc      60
tgcctaantt accanacacc ggntgagaac tacgtgactc ccattgnaga ctccccagca     120
gccgaatacg tgaatcagga tgngcctctc tccaatcagg cggtccntnt gaagnccaag     180
aagccngccn ggntccnagc anaacnccna tagncatnag ttgtgcctan gccagatctc     240
ttagccatnn ccngngttga ggaccaggan gctaggtgga agntcntncc aggcttgctn     300
ccttgggaca agacttgngg ntatcaccgc tgagctgg                            338
```

<210> 810
<211> 240
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(240)
<223> n = A,T,C or G

<400> 810
```
gactgagaat agtatacaag cttcaggagg gactccggaa gccaagggca ttgagaaacg      60
caagctttct cagaaacgaa ggacactgta gctgccagca gcagtccatg agcatctcca     120
agcccaagta cctggagcaa ctagaaaact acctgcgcaa ggaactcctc ctgctggacc     180
tgagcacgga ttctgcacag gaactgaggc tgcaggtnaa agcccacaga cccaacatgt     240
```

<210> 811
<211> 133
<212> DNA

<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(133)
<223> n = A,T,C or G

<400> 811
gagatcttcg aagaactgtt gctgtaactc ttggtatatt tggaacttat ggcntacaca   60
atccacangc atacagatac tgtgaagcag atttttgctt tagaataaaa aagctgtgat   120
acaagaaaaa aaa   133

<210> 812
<211> 512
<212> DNA
<213> Mus musculus

<400> 812
actgagtgta tcctgagggt accggcgggt gtttgaggag tacatgcggg ttatcagcca   60
gcggtatcca gacatccgca ttgaaggcga gaattatctc cctcaaccaa tttatagaca   120
catagcatct ttcctgtcag tcttcaaact agtattaata ggcttaataa ttgttggcaa   180
agatcctttt gcttttttcg gcatgcaagc tcctagcatc tggcagtggg gccaagaaaa   240
taaggtttat gcatgtatga tggttttctt cctgagcaac atgattgaga accagtgtat   300
gtcaacaggt gcatttgaga taactttaaa tgatgtgcca gtgtggtcta agctggaatc   360
tggacatctt ccatccatgc aacaacttgt tcaaattctt gacaatgaaa tgaaactcaa   420
tgtgcatatg gattcaatcc cacatcatcg atcatagccc tacctatcag caccgaaaac   480
tcttttacac taagggattt tgcaagagca gg   512

<210> 813
<211> 410
<212> DNA
<213> Mus musculus

<400> 813
gaactgagag tcagtcgctt tgaatccaag atccatgact tgcgggaaca aatgatgaac   60
agcagcatga gttctgggtc tgggtctctc cgaaccagtg agaagaggtc cttgtatgtc   120
agggccctgt ttgattatga tcggactcgt gacagctgtc taccaagcca gggactcagt   180
tgaaggcaaa gagggataaa gtgacagatg attgtgactc tcgcgagggg gggtgagccg   240
ggaagtgttg attctctgat ggtaactgac agcagtggac agtgctcaat cctccctccc   300
agggaagaaa agcaaagatt cgaagtaagc atgataatag ttggtttacc agtgttcctt   360
ccaaggagac atatattttt taataaatga tagttgcaat gaaaaaaaaa   410

<210> 814
<211> 100
<212> DNA
<213> Mus musculus

<400> 814
gaactgagct ctaagaacag gtggaattag ctatggataa ttcatacaat ttaaatgaac   60
aaagctcatg gaatggaatc tcatctgaga agaaaaaaaa   100

<210> 815
<211> 152
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(152)
<223> n = A,T,C or G

<400> 815
ttgattcaag atgtcacaga cagtncttcc cnnntgggga gtctgacatt tgaagaggaa   60

214

```
gaactgactc gagctgatcc tgagcaatgc catgtgcccc tgtgagtaga acgaatgatg         120
atgcagtcat tcctgaaaaa tgtgggacaa ga                                      152

<210> 816
<211> 365
<212> DNA
<213> Mus musculus

<400> 816
gaactgaggt ttagagtcag gtcctcccgg ccaatgctac tggggaaata gcccaggcgg          60
gctgccaggt ctccatagta acctccctga acctggagaa gaagttaaaa gtccatctgg         120
ggaaacggca cttatgcttg ctgaacgcct gtgtacaatc ttccctctta cttgaatctc         180
agcttaaatg ccatttgctc atggatagaa tgttgccact acaactaatc ctcacaatgt         240
catgtttgct gccacttttg atggcttgct ggttgcctgc ctctacccct ttgttcactg         300
ttgtatcccg ggtatgaaaa agagctttgg cgctaagctt ctctgtaatt tctaaagaaa         360
aaaaa                                                                    365

<210> 817
<211> 546
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(546)
<223> n = A,T,C or G

<400> 817
gaactgagat tggcttgggc aaaagaatcc agagaccctа ggatttcaga aggccagcag          60
tctccactgg agaagaagat cctgagtttt ggtggtgtgc atacaacagc agcaagacac         120
ttgataactc agaaatgcca tgaggagagc aaagcactct gcaaggagca agctaattct         180
ctggactact ggcttgcaaa agcagagtcg tattataata agagaatggt ggagagaatg         240
aaaaaagaca caggtgatga aacaaagaca aaagtgcaag aggaaccacc atcaccatca         300
ccaccaccac caccaccacc acgcagagag agacagaaac agcattactg ggtgcctgag         360
agagagaaga agcaaataga aaggcacatt catagaacaa gccatgccag agaatttaca         420
gaccaaccct ggagacagcc acgactcttc agtgaaacaa cactacccaa aattgtgcta         480
gaggaggaaa gcatcccaca agcacagaaa agaaggcagg cncacgagag agaactgctc         540
caaatt                                                                   546

<210> 818
<211> 239
<212> DNA
<213> Mus musculus

<400> 818
aactgagatg gatgtccatg gcagaataag agaaattctt gcagagacta tacgagaaga          60
attagcaccg gatcaacaac atttatcaac agaagatctg atcaaagctc taagacgtcg         120
aggaatcatt gatgatgtaa tgaaagaact taattttgtg actgatagtg ttgatcaaga         180
actcccttct tctccaaagc aaaccgttgg ttttgataag cagtcaacat taaaaaaaa         239

<210> 819
<211> 457
<212> DNA
<213> Mus musculus

<400> 819
gaggctcgac ttcggatggt agacattgtg gagaaggaag atgtaaatga agccataagg          60
ttgatggaga gtgtcgaagga ctcccttcta ggtgaaaagg acagacagc taggacccag         120
aggccagcag atgtgatatt tgccaccatc cgtgaattgg tgtcacaggg ggcggagtgt         180
ccactttttct gaggctgaac agcgctgcat atctcgtggc ttcacaccag cccagttcca         240
ggcagctctg gatgaatatg aggagctaaa tgtctggcag gttaatactt ctcggacacg         300
gatcaccttt gtctgatagc cagttttтac accctcctgc ctacaccaga gggcatgctg         360
aatgccccct caagaaaaaa tctcattctc ccatgctgca cttttttatt ctgccaataa         420
```

215

```
agtgttttga ttgcctcttg cttgttaaaa aaaaaaa                                    457

<210> 820
<211> 125
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(125)
<223> n = A,T,C or G

<400> 820
tgggattaca gatgtttgct gagggaaaat ggccagaaaa tcctcattcc tacgtttgtt          60
ccttanaaag gctgttgggg caggtaatcc agctcctgca cagttctgct gagagccaca          120
taaaa                                                                       125

<210> 821
<211> 253
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(253)
<223> n = A,T,C or G

<400> 821
gactgaggct atatcggcgt ggttaaccga agccagaaag acatcgaggg caaaaaggac          60
atccgggctg ctctggcagc cgagaggaaa ttcttcctct cccacccagc ctaccggcac          120
atggctgacc gcatgggcac cccacacttg cagaaaaccc tgaaccagna antgaccaac          180
cacatccgga gagtcactgt cgacccttcg cannaagntg nagagccaac tgctgtccct          240
ggagaaggaa gtg                                                              253

<210> 822
<211> 495
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(495)
<223> n = A,T,C or G

<400> 822
gaactgagga gtgccagtgc acaaccaagg naagtccatc agctttatta acccatcaaa          60
atcaagtgca gggaaaggat atgctgcctc aaacccaaac aaattggccg tatcaagaac          120
tatgggtttt ttaactgaca tgaagccggc agaaaaacta aactgttcct agcgctaaaa          180
cagtacaggt gcttgattca aaaggagttg atgtcacacc ccgacctctc taccatccag          240
atccacatgc tgcgtcagca aagccaaaca aactcttgac atcacaagaa ggatcgcttg          300
gatcagatta tatttcttcc tatagcctct atcanaatac actaaaccct agcatgttag          360
ggcagtacac aaggtcagtc ctggggagca gntcagtgtc gaagtcaagc atctcaacaa          420
ctgagtcgat gtcagaggac cttgaagatt cctcttacaa gaggggatag attggccagt          480
tttacagatg tacga                                                            495

<210> 823
<211> 182
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(182)
```

<400> 823
```
tacagcaagt ccaaaggant gccnactctc canaggattt aactggnagn ggnatgagac      60
ttctgatttc acagctcgnt ggctacctga aagngaaaac aaaaattcan nncatntttt     120
atctatggca tgncngcaaa ncatcaaaan aaagcgattc ttaaacccgt gaaaaaaaaa     180
aa                                                                    182
```

```
<210> 824
<211> 313
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(313)
<223> n = A,T,C or G
```

<400> 824
```
ccacaggtgt cggccagcag tatcctgacc cagcaacggc atggtgnnat gtggggctat      60
atgccaagag ganagccgtc tatnnggana actctctcta tcagcctctt tcttgcctcg     120
gganantcgn gctcttctca ataagcctaa ggctttactg ntaagaatcc caggaggttt     180
ctgggataag acaccattgc ttaaactcgg ggnatgcagg aaaggaaagg cagacactg      240
ngaagggctc atagaaaanc actttcaaca attttgggaa taccaaggag aagaatttcc     300
tagagaaaaa gaa                                                        313
```

```
<210> 825
<211> 336
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(336)
<223> n = A,T,C or G
```

<400> 825
```
ctgagactga gtaagagaga gagagaagag agaagnagaa ggagaagatg aagaagaaga      60
agaagaagaa gaagaagaag aactgctttc cctcgtntcc ttgctggtct gtcctccccn     120
angaccctga cttgnaacac cnaanccntn cacaaccagc ancccancca ngcancaaat     180
gacacacacc aaggctcatc tggctcctga ggttcaaagt gagtttttnnt tgtgttttat     240
tctaacatgt ttttcagag ttttctgctt tgaaaatgaa gttctttttt agctggngaa      300
gaataaataa tatttccaag agccgccctc ccagga                               336
```

```
<210> 826
<211> 520
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(520)
<223> n = A,T,C or G
```

<400> 826
```
tcatcagaaa agctaagttt gctatacagt aaggatcagg agatctgacc ctggttgcag      60
aaccattcct ggttgcagaa tacagggttg tattcccact tcatctttcc agaccatcct     120
aggaaatact aggaatcctt ggaagggaaa gaaggaacat tgttggttgg aataaaaaca     180
gggttgaatg agttccagaa agcaggcttc tcaaactcgt ggacaacaat ctgctgaaga     240
agacaacttt aagaaaccaa ctcgaagcaa tatgcagaga agtaagatga gaggagctgc     300
ctcgggaaag aagtcagctg gttcgcagcc aaagaatctc gatccagccc tgcccggaag     360
atggggaggn ccgctctgct gagaaccccc cttccggttc tgtgcggaag accaggaaga     420
accaagcaga aggctcctgg cnaacggaga cggaggcagt acccagggga agtcccccag     480
```

217

cccccctcgg aagaaaaagg gcacggggct gaccccccact   520

<210> 827
<211> 360
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(360)
<223> n = A,T,C or G

<400> 827
actgagactg aggtatcagt ccctcacctg accctgttcc tgaacacagt gcacccatct   60
atgagttccg gtgacagagg ttcagaacag tggccaaata aaactgaact tggcaacaaa   120
nanctttgan aggaaattat gtacctgcca tgaaccagga gaggtgtgtt cctgtttgtt   180
cacgagcaga cttcatcaga aagcatgaat gttaacctac aggatccaag gagcatggcc   240
aacctgcagg caggcagagg gagctgttca cctcccaccc tccttcctct cagtggcatt   300
gtggtcacca tctgtttctg aacaacctta aatgcacttt ccttcctgca cagctaactt   360

<210> 828
<211> 421
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(421)
<223> n = A,T,C or G

<400> 828
acactcacgt ccttgtgcag ccttcgccac catcctcctt cagaactcat tcatctctca   60
cagttgaacc tttgcncaca tgaaacagtn agtctctctt tttaaagata anttnctatt   120
ttgattatac atgtggatgc agatgccctt ggagaccaga catgtnggag ttgnggtgaa   180
gatggttata aaccactnga ngtggngttg tnctggctgc cctataactc actntggggn   240
ccaggctagc ctgaactgcg atgtcttta cctaggtttt ttcctcccag ttcactgatc   300
ctgtnntgca tgncnnannn nacctccctt aaanacatat anncaccan nntntgcanc   360
aatttcagaa ggctcaaggn gggggacgcc ctggccctat nttgaccagg tgaaactgca   420
g   421

<210> 829
<211> 536
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(536)
<223> n = A,T,C or G

<400> 829
gaactgagag tcctttggac agaactaccc agtaggtaag ctgatgggac tctggactgc   60
atcagcatgg ccctgacctg cacctttaac agaagaccct naataaannn ctgntggccn   120
tccaccgnat gcagtcncaa nctncttgat ggaggaaggg gctngtgtca gagaanaana   180
ggcacncttc annacanggn ncccatncac caaagangaa acntanaccc accantatan   240
ggntncaagg agagccgaat gatgaantcc atccactact gngngtaaag ggggatggca   300
aatcgaaana agantcaagc angccggcct aaaggataa aagcaggagg agccatctca   360
gaactgctgn gaanaccgtg gaacccttgg ttcttctcac tctgtcatca ggtanccttt   420
ggacagngtg gccaatcatc tgagattggc tttagttgaa aacaaaggcc tntgcctccc   480
acccaggagg tgaangagng gatttnngt ttgaatgacg aaggcgaatt atgccg   536

<210> 830
<211> 333

                                        218   .

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(333)
<223> n = A,T,C or G

<400> 830
gaactgagga agaaatggaa gccagaatna agcaggtact ccgctccctg cgtctggagc   60
tgggtgccga ggtactggtg gaaggactgg ttcttcagta cctttaccag gaaggaattn   120
tgacagaaaa ccacattcaa gaaatcaaag ctcaaaccac aggcctccgg aagacaatgc   180
tgttgctgga catcctgcct tccaggggcc ccaaagcttt tgacaccttc ctcgattccc   240
tccaggaatt tccctgggta agagagaagc tggagaaggc gagagaggaa gtcacagccg   300
agctgcctac aggagaaaaa atccctggaa gca   333

<210> 831
<211> 226
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(226)
<223> n = A,T,C or G

<400> 831
gatgcgtttg gcagagggag cagtggagat tctangtcng ggcttaaggc ctggggcttc   60
caatgatnct ctggtnatgg ntggangcct agatgcctca ccgcanggng caggacgngn   120
gggtcctcnc ttaantgcac acnggcagca anangcacag gcggagggag gaaatatagn   180
ccnggctgtc actcaccntn tcggntgtgt ctcccctggt tgacca   226

<210> 832
<211> 111
<212> DNA
<213> Mus musculus

<400> 832
ctagactgag tccaggctga tactgatttg ggcgccttgg ctgcagaaat agaaggagct   60
ggtgctgcca aggagcagga gcctcagaag tcaaagggaa agaagaaaaa a   111

<210> 833
<211> 385
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(385)
<223> n = A,T,C or G

<400> 833
agcacacagc tggggcttcc ctaggcgagg agagatggat ctgatccgta tgggtttgaa   60
aggcccgaag actttgacta tgcggcttat gaagaattnt tttccacgta cctggtgata   120
ctcaccaaga gggcgatcaa atggtccaaa cttctaaaag gaaacggtgg tgtcccggaa   180
aagcgtgaca gngaaacgct atgtccngaa gggaatcccc gntggaacat cgtgnccnnn   240
cgtgtggatg gctcgngagt gganctcagg ccccggatgg accanagccn tgnatactta   300
ccatcgactg ctnccanggc nagatcagct ccaggtctgg acnaggtcnc attaggacan   360
nacttgtacc ggacattccc tgact   385

<210> 834
<211> 303
<212> DNA

219

<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(303)
<223> n = A,T,C or G

<400> 834
gaactgagtg tcttctaatt gttgccatca tgacggagtt tgtatgcctt gataccttta   60
tgctgtttaa gaatcatgtc tttgggggac tggagaaatg actcaacagt taaaaaagca   120
ctgctgctct ccagaggac ccaagtctga ttcccagcac ccacatgatg ttcacaacta   180
tccttaactc cagttccagg ggatntaatg ctctcttctg atcttntgga gtaccaagca   240
cacacatgat gtacagacat atatacaggc aaagtacaca tacaataaaa tgaataaatc   300
taa   303

<210> 835
<211> 316
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(316)
<223> n = A,T,C or G

<400> 835
gaactgagag catacctgcc ctgctggagt tcatacccat tcctgagcaa cactggtttt   60
tgccatggaa tccgtanatc cagcttgtct gtgcagtagg ccactgttca aaatgaagan   120
aaggaaaaaa gagagtggca acacggaagc cagccacaca cctgggattg cnggctctat   180
tcgtggatct taatgagtaa caaggaaaag caaaatgcta tttatctttt tggcaaaaat   240
taattgntag tatttcatga ttctagagat gtatttctcc aactanaata aaatttttgg   300
atcgtaaaaa aaaaaa   316

<210> 836
<211> 286
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(286)

<400> 836
gaactgaggg cacagagacc gtgaagtctg caacacggct gctcatcagc ttccagcatt   60
cccagccatc gaagtccaca gtggagtggc tgctccctgg gcacctgtga agattcagga   120
ggaacccacg gtcacgcttt atgcctttca agtcattcca tctggaaaga tgaacagaat   180
gagaaatgtg tgtgtgtgtg ccatagaagt tgttagttca tacgttcaaa tgccttggca   240
tttattagtt ttgagtaaaa acaacgttac ctttcaaaaa aaaaaa   286

<210> 837
<211> 432
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(432)
<223> n = A,T,C or G

<400> 837
gactgagacc ctgtcccatc atttgaggtg gcgcggactc tagacgacag actgcagcgt   60
cccagctttg accccagtgg gcagcgccta caagacgtgc acatcgcgtg gaagaggtgc   120
ccanagccac ccantgccag agagcanaan gaggggacag tgtcccacgg ggcacacgcc   180
atncaanggt aaccacntgc canagtcccg aggacaccct cgtgacagac accttgctgc   240
agaagaatga ggccgagaga cagangggtc tccaagaagt ccacatcacc ttggcagcca   300
ggctggggga ggcagaggag aaaatcaagg tgttacattc agcgctaaag gccacacaga   360
cagagctgct ggagctgagg aggaaatacg atgaggaggc tgcttccaag gccgatgagg   420

```
taaaaaaaaa aa                                                          432

<210> 838
<211> 188
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(188)
<223> n = A,T,C or G

<400> 838
agactgagta caagacagca aaatacaact gccaattata cagctgcgga aagtatgggc     60
tgaagcagtg cactacgtat ctgggctaaa ggaagactac agcaggctct tccagggaca    120
aagagcagca atgttnnnag attgtgttag aagcgtagna gccatgtgta tcatgtactc    180
aatgaatt                                                             188

<210> 839
<211> 457
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(457)
<223> n = A,T,C or G

<400> 839
atatatctat ctggcctttn caaattggnc cctgcnnant ggcttncacn aagaagggtt     60
ntngtangaa ganggnccat catcgaggtg gtgatccang antacaccat cntcattnac    120
nagcncattc ntagngtgga nttcattang ccgtgctcct tggacactcn naganatcca    180
nangttngct atgaaggann tgnacgattc cngatgtnca tatngacacc nggctcatta    240
aagncatgtg ggtcaaggga ataaggaatg ctccattgca tctgagtatg ttcgtccaga    300
anacatagta cggaggagga gtcaccagac aagctttaca cattgataac ttactgnctg    360
tnaccacatt caaactctac agaangtcaa tgtggatgag anctaacctg ctgantgtca    420
aataangttg cagaactgcc aaacaggtaa aaaaaaa                             457

<210> 840
<211> 325
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(325)
<223> n = A,T,C or G

<400> 840
gaactgaggt acctttcaga tgaaggcgtt gaagcctgca caagctctcc tgggaaaggc     60
agcataaatg acatcatcct gattgctctc aatgnagann aaggcaccta tgatcacacc    120
attgnntncc gcaaaggagg tgatggacag ncacaaaggn ntactnggcc ancgcagnaa    180
ntntaccaan ctnctcgagc tnggaactaa ngngaanggg cttttgagaa ggaagatcca    240
ctgactganc catnctggaa gcccactgat ngattttcca cttnttcaga gagagactca    300
atatgctgga tatgattttt ggaga                                          325

<210> 841
<211> 470
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
```

<400> 841

```
tctgacctgg cgtttgatga nanagattgg aagctccaag tcagatcntg aaganctttn      60
angctcctcc acaaatctcn ncgaccacnn cccttcatcc tggcgagacc acgatgacgc     120
aacctcaacg cactccgcag gcaccccagg accctccagt gggggccatg cttcccagag     180
tggagacaac agcagtgagc aaggcgatgg gttagacaac agcgtagctt cacctggcac     240
aggtgatgac gacgatccag acaaggacaa aaaacgccag aagaaaagag gcatattccc     300
caaagtcgcg acaaatatca tgagagcgtg gctcttccag catctcacac acccgtaccc     360
ttcagaagaa cagaagaaac agttagcgca agacacggga ctgacaattc tgcaagtgaa     420
caactggttt atcaatgcca gaagaagaat agtgcagccc atgattgacc                470
```

<210> 842
<211> 260
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(260)
<223> n = A,T,C or G

<400> 842

```
ctgagactga gcatgcatgc tttatacant ccataacaca tacgatgaca ttgaaancac      60
tnncggttgc agatctagga tgnggctgtg gngtacttat nanntngaac aggcaatgct     120
aggagcaggg ttgngtgttg datttgacat anatgaanat gcactagnna atatttaata     180
tngaatngcg gaanagtgng agctaacant ggttgntatg atncntagtg atgtgtactc     240
attatctaac agaatgtcca                                                 260
```

<210> 843
<211> 358
<212> DNA
<213> Mus musculus

<400> 843

```
gaactgagat ggccgccaag agcgagttat gtttgacaaa attacatcac gaatccagaa      60
actctgttat ggactcaaca tggactttgt tgatcctgct cagatcacca tgaaagtaat     120
ccaaggccta tatagtgggg tcaccacagt ggaactggac accctggctg ctgagacagc     180
cgcgaccttg accacgaagc accctgacta tgccatcctg gcagcaagga tagccgtctc     240
taacttgcac aaagaaacaa agaaagtgtt cagtggtacg tctggtataa aaacatgaga     300
aagcgtttaa tagtgtcata aaattatagg aataataagt gaattttaaa aaaaaaaa      358
```

<210> 844
<211> 543
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(543)
<223> n = A,T,C or G

<400> 844

```
tgaggtgccc tatgagacac tgaacaaacg cttccgagct gctcagaaaa acatcgatcg      60
agagactagc cacgtcacca tggtggtagc tgagcttgag aagaccttga gtagttgccc     120
agctgtggac tctgtggtca gcctattgga tggtgtggtg gagaagctga gtgtcctcaa     180
gaggaaggca gtagagtcca tccaggccga ggatgagagc gccaagctct gcaaacgtag     240
gatcgagcac ctcaaggagc acagcagtga ccagccagca gcagccagca tgtggaagcg     300
gaagcgcatg gaccggatga tggtggagca tctgctacgc tgtggctact acaacacagc     360
tgtgaagctg gctcgccaga gtggcatcga ggaccttgtg aatatcgaga tgttccctga     420
cagccaaaga agtnggagga gtccttggag aggcgtgaga cagccacctg ccttgcctgg     480
tgccatgata acaagtcccg actccggaag atgaagagct gcctagagtt tcagcctcag     540
```

gtc   543

<210> 845
<211> 275
<212> DNA
<213> Mus musculus

<400> 845
gaactgaggg ccggcacatg ggtgagggg taccccctgg ggcgtgagct gccccgcaca   60
ggatgccccg tgcccccac tccatgcccc tgctgctcct gctgctgttg ctgtcatcgc   120
tcccccaagc ccaggctgcc tttccccagg accccacccc tctgttgacc tctgaccttc   180
aaggtgcctc tccatcatcc tggttccggg gcctggagga cgatgctgtg gctgcggaac   240
ttgggctgga aaaaaaaat ttttaaaaaa aaaaa   275

<210> 846
<211> 537
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(537)
<223> n = A,T,C or G

<400> 846
tgggaaaccg gcaccagtcg actctacagt gctctcgcca agaccgtcaa cagcagtgca   60
gctgctcagc acccggagta cttggtgtca gctgaccccg aacatctgga gcccatcgat   120
cctaaggaac ttctggagga atgcagggct gttctgcaca ctcggccacc ccgctaccag   180
cggggatttt gtggacctga ggacagattg ctccagcagc cactctccca ttcgcgtcat   240
gcagtggaac atcctcgccc aagctctcgg agaaggcaaa gacaactttg tgcagtgccc   300
cgtggaagcg ctcaaatggg aagagaggaa gtgcctgatc ctggaggaga tcctggctta   360
ccagccagac atactgtgcc tccaggaaag tggaccncta cttttgacac ctttccagcc   420
acctcctcag tagactgggg ctaccaangc accgtttttt ccccaagccc tggtcaccat   480
ngnctagant gtggaancac aacaacggtc caagatggct ggtgccttat ttttttc   537

<210> 847
<211> 158
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(158)
<223> n = A,T,C or G

<400> 847
gaactgaggt tgctgttctg gctgaggcca tctatggccc tggnagtgtt ttcattcaag   60
acaaagtcca ttccatcttt atttattagc tgagcaaatt cagctaataa ttttcaagac   120
ccagattcaa gcaataaaac atttctctgc aataccaa   158

<210> 848
<211> 123
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(123)
<223> n = A,T,C or G

<400> 848
gactgaggtg ctgctgactt ctgataaagc tgcggccaat ttctcagatc gttctttgct   60
gaagaacttg ggacattggt taggaatgat cacattagct aanaataaac ccatcttaca   120

cac

```
<210> 849
<211> 543
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(543)
<223> n = A,T,C or G

<400> 849
aactgaggtg aagagactgt tttctgaggc tgcgttggag gctgtgaccg agcagagagc       60
ccatgtgaac tgatggggag gctttctgaa taacatggcc ttttgccatt agccttgcca      120
tgaccacatt tttcaccagc agtccctccc tggattcaag atgcaaagca ggaggaggaa      180
gtgggctagg aaactagttc ccaggcctcg gggccgggag gcagagagtc aagtgaagtg      240
ccaatgtgaa atctcgggga caccattttc aaatggggag aagctaaggc ctcacagcct      300
tccccatccg gagcagagac catatagctg tcctcagctg cactgcggca aggcttttgc      360
ctccaagtac aagctgtata ggtaggtgac actcccattc ctctttcagt ttccaggttc      420
ctggagctca caaccagaga ctccattgag agtgaacggt aaagntgtcc tgtgagtata      480
ctatgaactc taaccatttg aagtcactca ctaaatagta ataatggttt agctggatat      540
gga                                                                     543

<210> 850
<211> 307
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(307)
<223> n = A,T,C or G

<400> 850
gtgttccaat ttgcaaggca agaaggagtt catggttttt atgacttagc agtggaagcc       60
aaactatcac tttcaccaaa ttcaacgtat taacagcaag tcaccaacca ttcagggctg      120
gagaggtggt tnagnagnta gggctgctct tccagaggat cccagttcaa atcccagcat      180
ccacatggna gctcacagca ntgtgtaact ncagttctgg ggattccagc ncccccatac      240
agactgtaca cgcngccaaa acaactaaga cataaaatan tgataaatac attctttaaa      300
aaaaaaa                                                                 307

<210> 851
<211> 546
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(546)
<223> n = A,T,C or G

<400> 851
gaactgagga gtaatggagt ccaagcatca aggcgtgaaa aatctcaaca tggagaatga       60
ccatcagaaa aaggaggaga aggaagaaaa gccacaagat accatcagaa gggagccagc      120
tgtggccctg atctccgagg ctggcaaaaa ctgtgcgcct agaggaggtc gcaggcggtt      180
ccgggttcgg cagcccatcg ctcactatag atgggacctg atgcagaggg ttggggagcc      240
ccagggaagg atgagagagg agaacgtaca gaggtttggg ggtgatgtga gacagctcat      300
ggagaagctg agggaaaggc agctgagcca cagcctgcgg gcggttagca ctgacccgcc      360
tcatcatgac caccatgatg agttttgcct catgccctga gtcctgagct tttctctgaa      420
gatgacatgg ggacccctgc cttgtgatgt acaaattttg aggttactcc tttttatgta      480
gatctctccc tgttaccagc ttctaattga aacttgngnt ttttactcgg cctataatta      540
agcaaa                                                                  546
```

<210> 852
<211> 352
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(352)
<223> n = A,T,C or G

<400> 852
gaactgaggt gacaggacac cctcaagggc tttgatgaga aggcgtacct gtcagccaag   60
cagctgaagc ctggagagga cccatacaga caacatgcct tcaaccaact ggagagtgac   120
aaactgagct cagaccgacc catcagggac acccgccatt acaggtatgg catctgctga   180
gtggacagga agggaaaact aagaaaagac cagtgttggn cagcttggtt tntttcactc   240
atatgtgttt attgatttat tacatttatt taccttattc atgtgtctgt gtgtgtgtga   300
tcgtgcacac atgcaaactg tatatatttt acaaataaat atgatgtcct ca   352

<210> 853
<211> 286
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(286)
<223> n = A,T,C or G

<400> 853
cgttcctgga agaggaggag gaggaggagg aggagagacc aggattcgaa ctcaggccca   60
gcttcgatac gctatggaat cactgncagg gccagcttcc cctgtggctg agttcctgtc   120
tttgatagat ttctgtgaaa tcctcacagc cttctcaatt agcagctggc atctttattg   180
attgatcaaa aaccaattgg ggacaaggac cttcagcatt tggacaagca gattcccgat   240
taaatcaaag cattagaacc aattctcaac agtgtaaaaa aaaaaa   286

<210> 854
<211> 479
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(479)
<223> n = A,T,C or G

<400> 854
cgttctgacg ccagcactga gattctctta cctgcctttg tagttattca catcaaagat   60
cttctttgca cggtantaca cgagcttcca gggccnganc agatgccctt ccctgcagag   120
aggtggaana cagtcagaga ggcggcntgn ggccatcgtg agatggtcac aaacaccaaa   180
ggaacctact ggagccctgc gtgacatggt taagttcatg tgcagcagtg tgcagaggca   240
tgctggacat anaggcatgc tggggctnca tgcncctgcn ctgtcagaac aggtacagtt   300
aacactgcct tgaggagcaa gngcacgctg ggtttgcaga tccactcacc ggattgccac   360
ttnaacatca tctgagaggc accaagctca ttatcnccca gncaangcct ccctacctnc   420
cctctctnna naagagcctt ctcctgcccn ctgccctncc tgtgtaaact gaaaacact   479

<210> 855
<211> 194
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(194)

225

```
<223> n = A,T,C or G

<400> 855
atcagtcaag aagaattana agaataaggt tgggatccac tgntnccaca natgaagacn      60
tgacncccag cccagaccnn ganccagacc ctaccgagan ntntgncgga aataatggag     120
acctgtcacc ctgcaaggtg gaagaaaacn cngcccagaa gaatacagaa acagcctctg     180
gcatcgggga tgaa                                                       194

<210> 856
<211> 439
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(439)
<223> n = A,T,C or G

<400> 856
aactgagatg gccgccccat tggggtggag ggcatccagg tgctgggcac aggaaacctt      60
atcatctcag atgtgactgt ccagcattca ggtgtctatg tctgtgcagc caacaggcct     120
ggcacccggg tgagaaggac ggcccagggt cggctggtgg tacaagctcc agcagagttt     180
gttcancatc cccagtccat ctccaggcct gctgggacca cagccatgtt cacctgccaa     240
gngcagggg agccaccgcc taatgtcaca tgnttgaaga atggacaagn gctgggggca     300
ggaggccatg tnaggctcaa gaacaataac agcacacttg agcatttctg gagtcggacc     360
tgannatgag gccatctacc aatgtgtggc tganaacatt gctggctcgn cncaagccag     420
cgccaggctg accgtgctg                                                  439

<210> 857
<211> 104
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(104)
<223> n = A,T,C or G

<400> 857
aactgaggtg tttggccttg gttccgtggc tcacatggtt ttaggagaaa actctggcag      60
ctatctcggc gtcnacttgg gttttggatt cggagtgacc atgg                      104

<210> 858
<211> 301
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(301)
<223> n = A,T,C or G

<400> 858
gactgagggt aaacttgatg attaccagga acgaatgaat aaagggaaa ggctcaatca       60
agaccagctg gatgcngtat ctaagtacca ggaagtcaca ataatttgg agtttgcaaa      120
ggaattacag aggagtttca tggcattaag tcaagatgta agtaaaaaat actgtgtaaa     180
atataaaaat taagttagtg gaaactattt ggagttagtc tgtacattac tgttgatgag     240
ttctctgcca ggtgtggaaa ttggattaaa tcatttctta ttaatttgcc aaaaaaaaaa     300
a                                                                     301

<210> 859
<211> 321
<212> DNA
```

226

```
<220>
<221> misc_feature
<222> (1)...(321)
<223> n = A,T,C or G

<400> 859
actgagggct ggagggacat ctgaagaggt ctcatcatgg cggacagcnc tctggggaca      60
gctttngnga tgcctanacn gagggntggn tactgnacca tgaacacant ggaggatncc     120
tcctttgctt ctttncgctt ttctcctgnt ttaaaacccc atagtaaagt actttctttn     180
tctccttctt tcttttatta acattcagaa atacacctgt nntgngctga gttattntgg     240
aggataaatn atagtttttg ctttngtgaa gnnggcattn ncacctttgc cctaanaaaa     300
tngagtgtag aaataaaaaa a                                                321

<210> 860
<211> 497
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(497)
<223> n = A,T,C or G

<400> 860
aactgagcat tggaaaaagg tcagcaagga tgtctcagtg ggtaaaggca agcctgatgt      60
tctatcaggt acctgcctgt aaggaaagaa tggacttctg aaaaatgaaa caggagagtc     120
agagcctctg agcaagacct gggaggtgct ctggagtgct ctgatgaaac cttacagaaa     180
aaagtgaagt cggactcacc tagttcccaa agagtgggaa gacctcaatg acctcttact     240
gcccagggaa aaaggattgg aactcattaa ctctttgtga accagagaca aaagaaagga     300
agaaaattgg aggctggaga gatggctcag ctgttaagaa cactgactgc tcttccaaag     360
gtctangagt tcaattccca gcaaccacac agtggttcac tatcatcttt aatgggatcc     420
gatgcccttt tctggtgtgt ctgaagacag tgtactcata tgcataaaat aaataaatat     480
ttctacaaac aaaaaaa                                                    497

<210> 861
<211> 411
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(411)
<223> n = A,T,C or G

<400> 861
aggaggaaag cctggaangc tcccaccaag cggcggcggt ncacggntnt gatggaggga      60
aagnacatgn tccacatgcc caaggggacc acngccccgc atccgtgang atnctggagc     120
accancangc agcctaaggt ctccatanaa catcncgtag tttnatcgnc ttggngnttg     180
attncanagc agacaccnag cacaggact angccttttt gagttttcag ccgcttaggg     240
nctaccccan agatggatga gtgatctgnc cttgggacag tnacaatgac ggnnngcant     300
agcttctgtn ctagcantat nctagnnntc ctganngaaa ctaggaccan gccccaacca     360
aggccangtg cccaaccagn nctgactgcc aaagccaaaa gccaccaagc t             411

<210> 862
<211> 436
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(436)
```

<223> n = A,T,C or G

<400> 862

```
gacgtgaacc tggaactnac caactctgct agactgngna gcnntgncaa tngctctagc    60
acagatnaac tnngagggcn tnanncccac tgaaataagc cagngacaaa aagaccgnat   120
gttgtgatca cacttaaata aggnangtan actgtctggt caagcangta ggggcanacg   180
agcagaacgg ctagcccgct angggatgtg gggagggcag aatgggcatt tgttgnttaa   240
tggatgtaaa ggttcagttn tgcaaaagga aaaggtgagg cttgatgaca ttgctctcta   300
gcagaacgct canctagcat ttctgagacc tganntcatg tncaacagct catgcacaca   360
cacatgcaca ggagaaagaa tggaangaan ctaccccttt tacttaaaaa aattgnattn   420
atttttatt ttatgg                                                   436
```

<210> 863
<211> 524
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(524)
<223> n = A,T,C or G

<400> 863

```
gaactgaggt gtgatccgct cactgcatga gcatgggccg attggagcat accttctgca    60
cagagaccg gccctacaac cagggagccc ggctgacggc cttcgagctg gtgtacgagc   120
agatccctgc aactctcatc actgacagca tggcggcggc tgccatggca caccggggtg   180
tgtcagccgt ggtggtggga gctgaccgtg ttgttgccaa tggagacaca gccaacaaaa   240
taggcaccta tcagctggcc attgtcgcca aacaccacgg tgtcccttc tatgtggctg   300
cccccagttc atcctgtgac ctccatctgg agactggaaa ggagattgtc atagaggaac   360
gccccagcca ggagctaact gacctgaatg gagtcaggat tgctgcacag gaaatccggn   420
tttgggaatc ctgcctttga tgtcacccc cacgaactca tnacaggngg natnatcact   480
gaactgggtg nntttgcccc tgangagctc cgaggagccc taag                   524
```

<210> 864
<211> 107
<212> DNA
<213> Mus musculus

<400> 864

```
tgagactgag gggaggcaca cggtccaagt cctttttactt tctgaggatg ggcagatcct    60
ggcagaagca gatggactga gcacaaacca ctgggtaaaa aaaaaaa                 107
```

<210> 865
<211> 454
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(454)
<223> n = A,T,C or G

<400> 865

```
ggtgtcaaca tctccagggg gcccgaancg ccatctcccg cgccgccagt gtcttcgttt    60
tgtatgccac atcctgtgcc aataacttcg cantgaaagg aaagcgcaag actctcaatg   120
ccagtgacgt gctgtcagcc atggaagaga tggaattcca gcgattcata acaccattga   180
aagaagctct agaagcgtac aggcgggagc agaaaggcaa gaaggaggct tcggagcaaa   240
agaagaagga caaagacaaa aaggattccg aagagcaaga caaaagcaga gaggaggagg   300
aggaggatga agagagactg gacgaggacg accagaacga agaggaggaa atagacaact   360
gaatggagag agtaggcana ctgtggcgtg gtggaggggga ccctgagatc ctgagacatg   420
tctgtgtgaa ggctttccct gcaaggcaga gcca                              454
```

<210> 866

228

<211> 295
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(295)
<223> n = A,T,C or G

<400> 866
ccctgttccc caggcagagt acanaactna gcnttgctgg tgaaggtccn actggaggac   60
acccaagttc ancatgatct tgacagacct gtgactgacc tgaccctccc tncagtcctg   120
tgccactgac acatatgctt gatgccttct gctttgtcct agtacccaag acggtgagtg   180
aagcaggggt caaaagttca gttctcagct gcatagtgag tttgaggcca gcctgggtta   240
aatgatacac tgctttaaca caatgaaata aaggacagga gagattggtt tggaa   295

<210> 867
<211> 361
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(361)
<223> n = A,T,C or G

<400> 867
gactgaggtt tatcatggct tccagcccac cgtgttgatg cggctggtag cttcagcata   60
ttctatcgct caaatggtac tatnnttaag ngaagaantg aaagagggtt agttccaant   120
gactgtccag gtcattctgt gcacgtcanc attnctgccg ataaaccaga nttcttcagg   180
gcacagagnc ttaagttact ccagantttc agtngtnatg nttttttcaca gtanttttta   240
aaatntntga tnccaaataa gaangcatat agntgatatt attnatgtcn gatttatggg   300
ggaaagttnc tctaaaanca tagtcctatc tttncatatt atatatcaga ttttttttcaa   360
a   361

<210> 868
<211> 504
<212> DNA
<213> Mus musculus

<400> 868
gccgaggacc agcagccaag cactaggact ggacatccca gcaatgacca gctctcctgt   60
ctccagagtt gtctacaacg gcaagaggaa tagcagtccc cgctctccca ccaacagcag   120
tgagattttc acaccggcac acgaagagaa tgtgcgcttc atttatgaag cctggcaggg   180
tgttgagcga gacctgccca gccagctgtc cagtggtgag cggtgcctag tggaggagta   240
tgtggagaaa gtccccaacc ccagcctgaa gaccttcaag cccatcgacc tgagtgacct   300
gaagccgccg gaacacgcag gatgccaaga agtcctagag ctcctggcgc cctcccctgg   360
cctccagaag ctcaggtgca cttgatggtg gtttcctgtg ttcctgtggc gctgctcctg   420
gggggaagag tgtgctctag caggccggga tcccagagcc agcaggattg atgaccaggg   480
cccttccttt cctctccagg gtct   504

<210> 869
<211> 405
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(405)
<223> n = A,T,C or G

<400> 869
actgaggtgg ggtctttcac gatgacccga gagtgacgac gacgacgagg aggaggacat   60

```
ggtctcggag gaggacgagg aggaggagga ggatggctga cgccgaggag acccaggatt      120
ccgaggacga ggaggaagat gacatggaag aagacgacga tgactccgat tatccggagg      180
agatggaaga cgacgacgac gacgctagtt actgcacgga aagcagcttc aggagccata      240
gtacatacag cagcactcca ggtaaccacc caggccgccg ggagactcct tccccacctc      300
ctccctcccc ctggcttgct ccctctccag tgcagtgcat cctgcttcct anctcccccc      360
ccccttcccg gcctgtcccc cacgcggagg ccacggcgcg tttag                      405
```

<210> 870
<211> 556
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(556)
<223> n = A,T,C or G

<400> 870
```
gactgaggtg accataggac ngnggcttac cggcacntac cacctgatat canaggtntg       60
ccctctgatg atttcccnaa gccacctgag gnntgngaan cataaatcct antgncacng      120
aaggaccatt atggaccata ggaccctgaa taggtgtttg nctatncaga gaacnctann      180
ctcctattaa cnggtatatt ntnttcganc ngnagaccnt ntncntgtcg gggtgccccg      240
tnganagcag agtaaacggn tggataatag agtacgatcg acanctgaag aagacntgag      300
nagagtttag ggtccctgag cttgccccga atanngancn aagagnggga ggacataagn      360
gctcgagaac taagaggant ttcagttcgc cttggnttag agaatcttcc agccgagggc      420
tcctcagatc tcagatgccc actggctaat gtcgccagta aacccattga gccagagaag      480
ttgcatggca aaggtgacgc atcgagtcag tccttgggat gcttgggncc tgggctgact      540
tctctgaagg cgaacg                                                      556
```

<210> 871
<211> 461
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(461)
<223> n = A,T,C or G

<400> 871
```
ggttgcagac aatgatggtg agttcctgtt aatagaagcg gccgactttc tccctaagtg       60
gttggaccct gataacagng ccaacagggt gttttttcat catgggagc tgtgcattat        120
tcctgtgccg aggaaatctg aaaggatacc atggttaccc atgacaccac caacaatcca      180
gcaagctttg agtataatct cggcacaccc agaagctgtt ttggcttnnn aatctataca      240
agctgctgtg gacaggcgcg tcagtgggta cccagaaagg gtcgaagcat ccctccatcg      300
agcacactgc ttccttccag ccggcattgt ggcggtgctc aagcancagc ccaggctgct      360
gtcggcagcc gtccanggcc ttctacctac gggaccccat ttgacctaag agcctgtcgt      420
gtnttcaaga cattttttgcc tgaaacacga aataatggcc t                        461
```

<210> 872
<211> 289
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(289)
<223> n = A,T,C or G

<400> 872
```
tgaggtctgt ttctgcaggc atctncgtgg ctccatgant cttccctttg atgacagaga       60
cctggnctgt gagtgggaga gngaagacct gcccctgacc attcagcttc cattccgnct      120
tatcctgcnt gtngggnacc tgccctttga tgaatactgg atccccctgt gcangaactc      180
```

```
ttggctaatg acatgcatgg attgatttac cttacatagc gctattgagc tcaaattgtg        240
ataatgctgc cattgagaga aactcaccca cgaactgctt ataaaaaa                     289


<210> 873
<211> 465
<212> DNA
<213> Mus musculus

<400> 873
gactgaggaa tttaactaag atgatggcaa cttgtactcc aagaaagagg aagcgatata         60
cactgaatgc tgataatgat gatagcctat taacagatat ttcatcaagc aaattaagat        120
gtgctgaaaa tctatttcca tcacctaata agaaacataa ttatcaaagc agtgttcaaa        180
aggaagacaa gtcttgctcc caccaactcc atttcccttc aagtccactc aaaacaactg        240
aaaatagtag gttttcattt gcaaaccaca gctcattatt taaaccagct atgtctactg        300
tatctttcta cagtaaagag aaatactacc tcaatccact cgagaggaag ttgataagag        360
agtgtagatc tatttgtcta gcaactgaaa gtggagataa acctattccc agtgtgacag        420
aaaatattca gagaaaacca gtctgtacca agaagaataa aaaaa                        465


<210> 874
<211> 386
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(386)
<223> n = A,T,C or G

<400> 874
gactgagttt ttagttgcat tttttaaagaa ggaaggctca tggtgcaaat tgttatttcc        60
agtacggggg ctgaaggcct ggcagaatgg gtgctgatgg anctacaggg ngagatcgag        120
gctcgctaca gcaccgnatt agctggaaac ctcctgggag acctacatta caccactgag        180
ggangagatg tnatcnacnn tacccnagcc tnaatcctgc ttnctcnnat ngnagnnttn        240
ngctcattcg ntntnccacg cccactgntg gaacntgagg agccacacac ngncacctt         300
ctactggacc agagattatt nggcngggaa ntnggctccc ctccnncttg cttcatnact        360
ggtgtcgcaa caataaaatt agaacc                                             386


<210> 875
<211> 533
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(533)
<223> n = A,T,C or G

<400> 875
tctcctggtc tgtgttctga ttcttctttg gaggagagtt taaggatcac agttggcaat         60
gaccacttct gtgttagcac accagagcgg cggcggntca gtgaccggct gggatctcca        120
gtggatggtc tgcaggacat ggacagggat gacctgactg atgattctgt cttcactcga        180
agctcccagt gttctcgggg gtcttgaacg atacatttct cgggaggagg gaccacttag        240
tccctttctt gggacaactt ggatgaggac taccgaacaa ggagaaactt ttctgcatcg        300
acctggagtt tagtccccag agcagttgtc atgatgaatt ngttgaggga aacagagcgg        360
tatnagaaac aaacttaaaa gctcctccta ttccatacga tctgaggaaa gaggccggga        420
ggccaaaaag gcccccgttt ttgatgacnc agagaagggt acnccagctc aaggagggg        480
gatcacttca angtttttnac atcnnggac tcgaaaacct atcggggagg cgg              533


<210> 876
<211> 306
<212> DNA
<213> Mus musculus
```

<220>
<221> misc_feature
<222> (1)...(306)
<223> n = A,T,C or G

<400> 876
gaactgagat ggcctcacgg tacatgatcc agctcacttc tgtgttcaag gatgtctgtc   60
taacgccaga agagatgaat ctcgtggtgg ccaaagtgtt gacgatgttc tcaaagttga   120
atcttcaaga aattccacct ttggtctatc agcttctggt tctctcttcc aagggacgca   180
naaggagtgt tcttggacgn atncatagcc ttcttcaggg agctggataa gcagcacaga   240
tacatttttt ccacataaga atgcactttg gcttatacaa taaaacttta aacattaaaa   300
aaaaaa   306

<210> 877
<211> 541
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(541)
<223> n = A,T,C or G

<400> 877
cggagcacca taacatggng tgggaagtga agacaaatca nnatgcctaa tgcagtncag   60
aaactcctgc tggtgatgga caagagagca ccagggatga gngactcgct ggagttgctg   120
cagtgtaatg agaatttgcc atcctctcca ggatacaact cctgtgatga gcacatggag   180
cttgatgacc ttcctgaact tcaggctgtt caaagngacc ctacccaatc tgncatatac   240
cagctaagtt cagatgtatc tcatcaagaa tatccaagat catcttggag ccagaatacc   300
tnagatatac cggaaaatac tcaccgtgaa natgaggngg actggctaac agagttangc   360
aaatattgcc actagtncac aaagtcccct gatgcantgc tcattttata acaggtagga   420
gcatggatta tgttttgcnt tntcanactt gcatttatta ggggccagca atnatactan   480
tgtaagctnc anntgggtta angaancctt gcccaccaag cnctgaaggg cgcaaacctt   540
g   541

<210> 878
<211> 340
<212> DNA
<213> Mus musculus

<400> 878
cacaacacag tcggattctt ctcaacagcc tttattgcag gatcgccttg atgcttctac   60
ggggacccca ggcgcccagg gagccctgct tatatgtacc ccagcacagg agaaggctcc   120
gtggcccccct ggggttggtc agtctgccag cacccaattt gcatgcaccc gcttgggagg   180
ggttggcccc aaattcgaat tgacgcctgc gcagtggtgt tgtttatgac aacggcaacc   240
ggaaaccggc gccatcttgg agttggcttc ccacagagag gagagggaga ggagagggag   300
aggagaggaa gaggaagagg aagaggaaga ggaagaggat   340

<210> 879
<211> 537
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(537)
<223> n = A,T,C or G

<400> 879
gaactgagag atgaagcaga tgaatcttgt cactgggaaa cagngcctaa taaagagggc   60
tcctttctcc atcagtgcct tcagttacat ctgtgagaat gaggccatcc ccatgccaac   120
ccactgggan aacgtgaacc ctgacgttcc ctaccanctg gtttccctgc agaaccagac   180
gcacgagtat aatgaagtgg ccagtctttt tgggaaaaca atggatcgga accganttaa   240

232

```
aaggattcaa aggatccaaa acttanactt atgggagttc ttttgcagga aaaaggctca   300
gctcaagaaa aagagaggtg tcccccagat caatgagcag atgctatttc atggcaccag   360
cagtgaattt gtggaagcaa tttgcattca caactttgac tggagaatca atggtgtgca   420
cggngctgtc tttggaaaag gaacctattt cgctagagat gctgcgtact ccagtcgttt   480
ctgcaaagat gacatcaagc acgggaacac attccagatt catggggtca gcttgaa      537

<210> 880
<211> 481
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(481)
<223> n = A,T,C or G

<400> 880
ctgaggactg gattcagcat caaaatacct cccccacatt gagagctgtc ggcagttaag    60
gcaacaatac cctgattgga atcctgagat cctcccatcc agaagaaatg agagcaatag   120
gaaagaaaat gaaactccaa gaagacgttc tcattccccc agccccagac attctaggag   180
atcaagctca ggtcacagaa tccgtcgctc tcgaagtcca gtccgttata tctatagacc   240
aaggagtcga agtccaagaa tttgccaccg tttcatttct aaatatagat ccagatccag   300
gtccagatcc aggtcccgtt ctccatatcg tagtcggaat ctccttagaa gaagtccgaa   360
gtcctatcgg tcagctagcc cagagaggac atcaagaaaa tcagtgagat caggtacacc   420
gatnntccta atgccatcat tttttttgag ttttggaaat gagatattgg attttaatta   480
a                                                                    481

<210> 881
<211> 429
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(429)
<223> n = A,T,C or G

<400> 881
gaactgagga agcatcatga cgaagaggca ttggaaacgc tgacagtatc ccccatctgg    60
gttccgcacc catggggcag acacatgctc atcaccagca agatcagctt cttcattttg   120
acaacattgc actagctgct ccggaaccca cactggctct gcgattctgt ggaaacatgc   180
aaacagaccc tctcgcccag accaacacgg gatctggacc attccatgat cctgtaagca   240
catccttcca tttagcatac cccagattac tggggctgtt attagcatgt cgttcagcag   300
cagagcgncc ttccttttcc aattgcaaaa aatttaaggt aaaaagagct aaggagagtc   360
ttatctttgg ggtatggcca tagcctattc cccctttttg ttttattaat aattctttta   420
aggttctaa                                                            429

<210> 882
<211> 537
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(537)
<223> n = A,T,C or G

<400> 882
gaactgagca ggctcctctn cncatgctcc tccaaggaat ggtaaggtgg cccttgaccc    60
acacacatat ctatcaagaa ctcaagagca cagacntgaa gtaccnggaa ccgtgtgcgc   120
agccgcatca gcnacctgan ggaccccang ancccatgcc tgaggcggan tgtgctcagt   180
ggggccattt ccccatagct cattgccang atgacagcgg angaaatggn cagtgatgag   240
ctgngggagc tgaggaacgc catgactcag gaggccatcc gtnagcacca ntatggcgaa   300
```

```
gacaggcggc accaccactg acctcttgcg gtgtatcaag tgcaagaaga agaattgtac    360
ctataaccag gtgcanacac gcagtgccga tgagcccatg accacttttg tcttatgcaa    420
tgaatgngggg aatcgctgga agttctgctg acggaaccac ccaccaggat ggcagaggat    480
aaggtgaaga agacccagca ggaagcacag accacgtgac ccagagcaaa aaaaaaa       537
```

<210> 883
<211> 220
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(220)
<223> n = A,T,C or G

<400> 883
```
ggacccacca ggtttcagct gctcccacca gctctgcagg ggatggattc aaggcaaacc     60
tcgtctttaa ggagattgag aagaagcttg aagaggaagg ngaacagnnc gtgaagaaaa    120
tcacggcggc attttttgcct tgaaagtgaa agatggccct ggaggcaaag aagctacctg    180
gntggtngat gtaaacaatg gcaaaggatc tgtgcttccc                          220
```

<210> 884
<211> 264
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(264)
<223> n = A,T,C or G

<400> 884
```
gaactgaggg cttcttggta atgcccaggc taaggcacta ggaccagcct cagagcagtc     60
agagaatgag aagaagccca agagngnagn gaagaagaaa aggtggaatc ntcccaaaat    120
gtctcttgcc canaacnttt natcgggttg cctcaanaga aggcaagctt cctcagnagc    180
tcacgganag gtcctgctng aaacctnncc gcngntttct atgnannaat ttntttcata    240
cnttttttttt ggggggggg gccc                                           264
```

<210> 885
<211> 123
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(123)
<223> n = A,T,C or G

<400> 885
```
cagaaagaaa gcttttagta aaacancctt tttaatagcc tggccacgca agaaggtgaa     60
tgtttnggct cttaagagga anaagttcaa aaaataaatt gtcttgtaat gtaaaaaaaa    120
aaa                                                                  123
```

<210> 886
<211> 440
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(440)
<223> n = A,T,C or G

234

```
<400> 886
gaactgagga acttaagaag tatggagtta ccacantagt acgagtatgt gaagcaactt    60
acgacactac tcttgtggag aaagaaggca ttcatgttct tgactggcct tttgatgatg   120
gtgcaccacc atccaaccag attgtcgatg actggctaag tcttgtgaag attaagtttc   180
gtgaagaacc tggttgctgt attgctgtcc attgtgtcgc aggccttggc agagctccgg   240
tgcttgttgc cctagcatta attgaaggtg gaatgaaata tgaagatgca gtacaattca   300
taagacaaaa gcggcgtgga gctttttaaca gcaagcaact tttgtatctg gagaagtacc   360
gtccgaaaat gcggctccgc ttcaaggatt ccaatggtca tagaaacaac tgttgtattc   420
aataaaactg gggtgcctga                                               440

<210> 887
<211> 389
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(389)
<223> n = A,T,C or G

<400> 887
catggaaaag tgccggcttc cagcccttttg cggcttttgc agtggatgac cgtgtggaga    60
tgctaagcgg tggacagcgg cagaacacta ggaaacagaa ggcttgggac aaagttaata   120
gcgcctgttc acaaagttca caaaggaccc gttttcactg tgtcctacaa ttgggtcatg   180
tagggctggc caggtggctc agcgtttaag aacacagttg ctcttccaga aggcctgctt   240
ctattcttcc tagcacccac atgggtgctc acaaccacta gggtcactct gcttccaagg   300
gtttgatgtt ctcttntggg gctntgagga ctgagcaaag aggnggtgcc tggttataca   360
tacaggcaaa acattcataa aataatcag                                    389

<210> 888
<211> 361
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(361)
<223> n = A,T,C or G

<400> 888
aagaaaactt caaactccac agtcggagga gagtgacttg cattatgcgg acattcatgt    60
gctcaggcaa attcggccac actctctcca cacagtgaaa tgcctgcatt cagaatctgc   120
tacagagtac ncnncncttc nnttcccccca ggccacacct cantatgaca gcaacaacgg   180
aaccctggtg tgagccctcg ggaagacgtt ccgatttcta cgattttacc atcctgtggg   240
aataacctac tgttctcgag aacaaggaca atggccatgt tttaatctta aaggacacca   300
gagcatctgg aattatgggt ctccctactc tttccactat gaatcttttg gtttgccact   360
g                                                                  361

<210> 889
<211> 137
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(137)
<223> n = A,T,C or G

<400> 889
aatacatttc aactgtatga aattggttta ttgttcatca naaatgttat ttgccttcac    60
aaagtctggt ttcaatgaac cagctatgta atgggatatt aaataaacat ggaattttac   120
atgttcagaa aaaaaaa                                                  137
```

235

```
<210> 890
<211> 174
<212> DNA
<213> Mus musculus

<400> 890
gaactgaggt atagctccat gaataactta aacgacccccc caaattggaa tatcaggccc        60
aatgccaggg ctgatggggg tgatggaagc aagtggaatt atgccctatt ggtgccaatg       120
ctcggattgg cagcatttcg ttggatttgg tctagggaat cccaaaaaaa aaaa            174

<210> 891
<211> 188
<212> DNA
<213> Mus musculus

<400> 891
tccttctgtg tgctgcagtc ttgtggcgtt ctgcaggccc cctgccagtg accccaggct        60
ttttatggct gtgagactca ttaaaagctc aggggtgaga cgtgaccttt ggaggtgact       120
ataactgaag attgaattac agaagccaaa aaattaaata aataaaaggt aaaattataa       180
aaaaaaaa                                                                 188
```